DOCUMENT RESUME

ED 160 771 08 CE 017 404

AUTHOR Braaten, Larry; Miller, Annette
TITLE Annual Report on State Research Coordinating Unit Activities for the Period October 1, 1976-September 30, 1977. Fiscal Year 1977.
INSTITUTION Bureau of Occupational and Adult Education (DHEW/OE), Washington, D.C. Div. of Research and Demonstration.
PUB DATE Jun 78
NOTE 144p.

EDRS PRICE MF-$0.83 HC-$7.35 Plus Postage.
DESCRIPTORS *Activities; Annual Reports; Coordination; Federal Aid; Federal State Relationship; Financial Support; Information Dissemination; Research Design; Research Needs; *Research Projects; Research Proposals; *State Programs; *Vocational Education
IDENTIFIERS Puerto Rico; United States; *Vocational Education Amendments 1968

ABSTRACT

Completing a series of annual reports (all of which have been entered into the ERIC system), this thirteenth report summarizes information received from State Research Coordinating Units (RCU) regarding all state-administered research activities; all activities reported are included, whether or not they were funded under section 131(b) of Part C of the Vocational Education Amendments of 1968. The purpose of the report is to provide information that will help states be aware of research and development conducted by other states, thus facilitating the exchange of information and reducing duplication of effort. States are arranged alphabetically, and for each state the following information, to the extent it is applicable, is given: names of the State Director of Vocational Education and the State RCU Director, projects completed, new projects funded, research related activities, and projects and activities planned. No reports were received from eleven states. And of the other territories included after the states (American Samoa, Guam, Puerto Rico, Trust Territory of the Pacific Islands, and the Virgin Islands), only Puerto Rico's report was received. (JH)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED160771

ANNUAL REPORT

ON

STATE RESEARCH COORDINATING UNIT ACTIVITIES

FOR THE PERIOD

OCTOBER 1, 1976 - SEPTEMBER 30, 1977

Fiscal Year 1977

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Office of Education

Bureau of Occupational and Adult Education

Division of Research and Demonstration
Demonstration Branch

June 1978

CE 017 404

U.S. DEPARTMENT OF HEALTH
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

FOREWORD

This report summarizes information received from State Research Coordinating Units (RCU's) regarding research activities conducted under Section 131 (b) of Part C of the Vocational Education Amendments of 1968. This report covers the twelve months of Fiscal Year 1977. The purpose of the report is to provide information that will assist States to be aware of research and development conducted by other States, thus facilitating exchange of information and reducing duplication of effort.

This Annual Report has been prepared by Larry Braaten, Chief, Demonstration Branch and Annette Miller, Education Technician, Demonstration Branch. This is the thirteenth in a series of reports on the activities of the State RCU's. The previous reports are listed below:

a. Annual Report on State Research Coordinating Unit Activities for Fiscal Year 1970 (ED-053-293)

b. Semiannual Report on State Research Coordinating Unit Activities for the Period July 1, 1970 to December 31, 1970 (ED-052-381)

c. Semiannual Report on State Research Coordinating Unit Activities for the Period January 1, 1971 to June 30, 1971 (ED-067-463)

d. Semiannual Report on State Research Coordinating Unit Activities for the Period July 1, 1971 to December 31, 1971 (ED-068-718)

e. Semiannual Report on State Research Coordinating Unit Activities for the Period January 1, 1972 to June 30, 1972 (ED-076-781)

f. Semiannual Report on State Research Coordinating Unit Activities for the Period July 1, 1972 to December 31, 1972 (ED-080-720)

g. Semiannual Report on State Research Coordinating Unit Activities for the Period January 1, 1973 to June 30, 1973 (ED-099-681)

h. Semiannual Report on State Research Coordinating Unit Activities for the Period July 1, 1973 to December 31, 1973 (ED-099-519)

i. Semiannual Report on State Research Coordinating Unit Activities for the Period January 1, 1974 to June 30, 1974 (ED-107-838)

j. Semiannual Report on State Research Coordinating Unit Activities for the Period January 1, 1974 to December 31, 1974 (ED-110-683)

k. Semiannual Report on State Research Coordinating Unit Activities for the Period January 1, 1975 to June 30, 1975 (ED-117-436)

l. Annual Report on State Research Coordinating Unit Activities for the Period July 1, 1975 to September 30, 1976.

CE 017 404

Copies of the above reports with assigned ED numbers can be obtained from the ERIC Document Reproduction Service

Howard F. Hjelm
Director, DRD

INTRODUCTION

The Annual Report which follows is a compilation of State Research Activity Reports covering fiscal year 1977 which have been received from the States. Additional information on projects listed under the category of "new projects funded" may be located in the "Research Projects in Progress" section of Resources in Vocational Education, published bi-monthly. Final reports of "projects completed" are abstracted in the monthly issues of Research in Education and/or in the bi-monthly issues of Resources in Vocational Education. All reported research projects administered by the State educational agency were included in this report, whether or not they were funded under Section 131 (b) of Part C.

This report completes a series of reports covering RCU activities under the Vocational Education Amendments of 1968. A major change resulting from the 1976 Vocational Education Amendments places an additional responsibility upon the RCU Staff involving the performance of contracting functions as required by P.L. 94-482, Subpart 3, Program Improvement and Supportive Services, Sections 131, 132 and 133.

The RCU's have continued to provide the leadership for the State's R&D programs in vocational education. In providing this leadership, the RCU's have given assistance to State vocational agencies and personnel, graduate students, teachers and a variety of other interested parties. They have also played a major role in long-range planning and the development of vocational research priorities. One of the most important activities of the RCU's is the disseminating of the results of research. In addition to the operation of their own dissemination efforts, the RCU's are a vital part of the national network of contributors to the ERIC collection.

ALABAMA

T. L. Faulkner, State Director of Vocational Education
Douglas Patterson, State RCU Director

PROJECTS COMPLETED:

1. Cooperative Occupational Opportunities and Placement Program, Green County Board of Education

2. Developing a Comprehensive Placement Program, Shelby County Board of Education

3. The Development of Job Placement Services for Exiting Students, Tuscaloosa County Board of Education

4. Development of Telephone Installer-Repairman Course at Secondary School Level, St. Clair County Board of Education

5. Membership in V-TECS Consortium of States, Division of Vocational Education, State Department of Education

6. Study of the Relationship Between the Morale and Change Orientation of Vocational Education Teachers in Alabama, State Department of Education

7. Study to Determine Priority Areas for Program Improvement Activities in Albama's Vocational Education System, State Department of Education

NEW PROJECTS FUNDED

1. Developing Staff Training and Renewal Techniques (Project START) for beginning vocational education instructors coming out of industry, Greene County Board of Education

2. Study to Determine the Role of District Vocational Education Supervisors and other Field Service Supervisors in Alabama, State Department of Education

3. Developing a Statewide Curriculum Management Plan, Auburn University

RESEARCH RELATED ACTIVITIES

1. Developed and published a "Guide for Organizing and Utilizing Local Vocational Education Advisory Councils."

2. Provided technical assistance in training local educators to use advisory councils

3. Provided technical assistance in planning and developing the the Annual State Plan and the Five-Year State Plan for Vocational Education

4. Coordinated the printing and dissemination of the Annual and Five-Year State Plans

5. Coordinated the development of General Program Standards and Service Area Program Standards for all secondary vocational programs in Alabama

6. Updated county vocational education planning packets

7. Provided technical assistance in proposal development to local educational agencies and other agencies upon request

8. RCU staff participated in various staff development activities related to their areas of primary concern

9. Developed a Management Information System (MIS Project) for Planning and Managing Vocational Education Programs in Alabama (extension of 18 month project)

10. Developed a system for implementing performance-based instruction in Adult Vocational Education classes (PAVE Project) using secondary vocational and technical college sites

11. Developed and published "Annual RCU Activities Report."

12. Developed and published "An Analysis of Tasks Performed by District Supervisors of Trade and Industrial Education in Alabama."

13. Developed a model counselor renewal center for in-service training of guidance counselors in Alabama

14. Developed annual Descriptive Report of "State Vocational Education Program Activities for FY 1977"

PROJECTS AND ACTIVITIES PLANNED

1. Develop a local-state comprehensive planning and evaluation system for Alabama

2. Develop a system for planning and managing youth organization activities

3. Role investigation of state vocational education staff

4. Train all vocational education teachers to work with disadvantaged and handicapped students

5. Train school counselors to provide vocational education services

6. Develop and conduct Curriculum Development Workshop for Industrial Arts Teachers

7. Conduct pre-service institutes for new teachers who have no classroom experience

ALASKA

Glenn Erickson, State Director of Vocational Education
Glenn Erickson, State RCU Director

NO REPORT RECEIVED

ARIZONA

William J. Anderson, State Director of Vocational Education
Dick Ruff, State RCU Director

PROJECTS COMPLETED:

1. A Needs Assessment and Task Analysis in Animal Science, Yuma

2. Comprehensive Needs Assessment for Gila River Career Center, Pinal County Community College District, Coolidge

3. Health Occupations Needs Assessment, Glendale Union High School District, Glendale

4. Study of Essential Living Skills for Members of Families in Multiple Roles, Arizona State University, Tempe

5. A Survey of Job Descriptions of Employment Opportunities for the Trainable Mentally Handicapped in Mesa, Mesa Public Schools, Mesa

6. Clothing Construction Performance Assessment, Arizona State University, Tempe

7. To Identify and Prioritize Vocational Research Needs in Arizona, Arizona State University, Tempe

8. Research and Analysis of Competencies by Bilingual Teacher Aides, Mesa Community College, Mesa

NEW PROJECTS FUNDED:

1. Study of Essential Living Skills for Women Who Occupy a Multiple Role, Arizona State University, Tempe

2. A Manpower and Needs Assessment for a Rural Vocationally Oriented Community College, Pinal County Community College District, Coolidge

3. Identifying Vocational Training Opportunities in Business and Industry, Arizona Business and Industry Education Council, Phoenix

4. Prioritizing Vocational Research Needs in Identifying and Prioritizing Vocational Needs in the State of Arizona, Tempe

5. Educational Requirements for Entry into Nursing, Arizona State University, Tempe

Arizona

RESEARCH RELATED ACTIVITIES:

1. A conceptual model has been developed to coordinate research, exemplary, and curriculum funding sources into a viable research and development component for vocational education

2. Research Coordinating Unit personnel have participated in a variety of activities related to developing evaluating strategies in reference to the requirements in the 1976 Vocational Education Amendments

PROJECTS AND ACTIVITIES PLANNED:

1. An in-depth study to investigate the vocational education needs toward which the Research Coordinating Unit should direct its future research and development effort

2. An attitude study of Arizona high school personnel toward health careers

3. A study to identify the agriculturally-related technician level employment opportunities and accompanying salaries in Arizona

4. A study to develop a working model for implementing competency-based instruction at the community college level

5. A study to investigate the perceptions of students, teachers, administrators, and counselors regarding business and office education programs

6. A study to investigate alternative state level staffing patterns for providing state level leadership for vocational education yough organizations

ARKANSAS

Luther Hardin, State Director, Vocational Education
Jack D. Nichols, State RCU Director

PROJECTS COMPLETED:

1. A Model for Developing Alternative Strategies for Maximizing Comprehensive Vocational Program Planning and Evaluation, Arkansas Division of Vocational Education

2. Development and Use of Specific Strategies for Dissemination of Curriculum Materials in Vocational Education, University of Arkansas, Fayetteville

3. An Education-Industry Exchange Program for Vocational Teacher Education Preparation, University of Central Arkansas, Conway

4. Individualized Vocational Visual Media for Deaf Students, Arkansas School for the Deaf, Little Rock

5. Development of Activitly Based Learning Experiences to Support the Career Orientation Program in Arkansas, Pulaski County Special School District, Little Rock

6. Local Action Oriented Mini-Grants, Arkansas Division of Vocational Education in cooperation with Local School Districts

NEW PROJECTS FUNDED

1. A Model for Vocational Education Program Development in Entrepreneurship, University of Arkansas, Fayetteville

2. Development, Field Testing, and Dissemination of a Comprehensive Curriculum Guide in Exploratory Business, University of Arkansas Fayetteville

3. Vocational Education Outreach: A Cordinated Approach to Guidance and Counseling, El Dorado Public Schools, El Dorado

4. Developing Competencies in the Identification, Assessment, and Instruction of Speical Needs Learners: A Team Approach, University of Arkansas, Fayetteville

5. Vocational Personnel Development in Curriculum Familiarization, Dissemination and Utilization: A Multiplier Approach, Arkansas Division of Vocational Education

6. A Model to Develop a School-Community Based Adult Education Program, Cabot Public Schools, Cabot

ARKANSAS

RESEARCH RELATED ACTIVITIES

1. A series of workshops were conducted to assist local school administrators in planning local vocational programs. An Excellent 32-page planning publication, "Planning Vocational Education: A Guide for Local School Administrators," has been compiled as part of this personnel development project. This publication has been disseminated statewide to school administrators.

2. Considerable emphasis has been focused on the dissemination of new curriculum materials. The use of key teachers as change agents and statewide inservice training have been very effective in the diffusion and adoption of new instruction materials and techniques. Curriculum materials have been developed in several occupational areas as a result of the Mid-America Vocational Curriculum Consortium endeavor.

3. A concerted effort has been made to develop techniques for greater involvement of disadvantaged and handicapped students in youth leadership activities. This was a one-year activity that involved state level staff from all service areas, personnel from four universities, and local teams from some 30 school districts. A handbook has been prepared to facilitate greater leadership involvement of less advantaged students.

4. Some 50 teacher-leaders were involved in a series of seminars on trends and issues which has implications for vocational education. The response was so great that a similar program has been designed for selected teacher-leaders in 1977-78. Following each seminar, each participant develops a plan of action for addressing the particular trend or issue in their local community.

5. In the Spring of 1977, 15 individuals were selected to assist with the establishment of new priorities in research and related activities. These individuals were instrumental in providing data and priority rankings for the annual and long-range plan for research in vocational education.

ARKANSAS

PROJECTS AND ACTIVITIES PLANNED

1. Curriculum and Media
2. Improving the Competencies of Vocational Personnel
3. Dissemination Activities
4. Local Action Oriented Research
5. Equal Educational Opportunity for Individuals of Both Sexes in Vocational Education
6. Vocational Needs of the Adult Population
7. Improving Vocational Training Programs and Services for Individuals with Special Needs
8. Review and Revise the Management Information System to Meet the Requirements of New Legislation

CALIFORNIA

Samuel L. Barrett, State Director of Vocational Education
Richard Nelson, RCU Director

NO REPORT RECEIVED

COLORADO

William D. Woolf, State Director of Vocational Education
William Barnes, State RCU Director

PROJECTS COMPLETED

1. Identification of Factors Contributing to Student Dropout, Warren Occupational Technical Center, Golden

2. Sex Role Stereotyping, Colorado State University, Fort Collins

3. Educational Value of State and National Young Farmer Institutes, Colorado State University, Fort Collins

4. Criteria for Improving Vocational Programs in Colorado, Colorado State University, Fort Collins

5. Study of Community College Shared Governance, Trinidad State Junior College, Trinidad

6. Research Plan for Improvement, State Board for Community Colleges and Occupational Education, Denver

7. Perception Study Phase II, Colorado State University, Fort Collins

8. Dissemination of Local Director Packets, Colorado State University, Fort Collins

NEW PROJECTS FUNDED

1. Identification of Factors Contributing to Student Dropout, Warren Occupational Technical Center, Golden

2. National Advisory Council Technical Assistance to States, State Board for Community Colleges and Occupational Education, Denver

3. Sex Role Stereotyping, Colorado State University, Fort Collins

4. Perception Study Phase II, Colorado State University, Fort Collins

5. Survey of Students, Parents, Business and Industry, Adams County School District 12, Northglenn-Thornton

6. Educational Value of State and National Young Farmer Institutes, Colorado State University, Fort Collins

7. Dissemination of Local Director Packets, Colorado State University, Fort Collins

8. Research Plan for Improvement, State Board for Community Colleges and Occupational Education, Denver

9. Criteria for Improving of Vocational Programs in Colorado, Colorado State University, Fort Collins

10. Vocational Teachers and Administrators Credential Renewal Survey, Colorado State University, Fort Collins

11. Feasibility Study, Practical Nurse Training, Secondary Level Area Vocational Program Students, El Paso Community College Colorado Springs

RESEARCH RELATED ACTIVITIES:

1. The Research Coordinating Unit staff have been involved in the development of six project proposals of which four have been funded and are currently operational. Extensive amounts of coordination with the staff for curriculum have been made.

PROJECTS AND ACTIVITIES PLANNED:

1. The development of a new system for operational process for research will be a major activity. The new system will involve requests for proposals for selected research priorities, which are identified, utilizing a Research Advisory Committee. Also, plans call for research activities to be closely articulated with the new five-year plan for vocational education and the goals and objectives of the plan

CONNECTICUT

Edward A. Sillari, State Director of Vocational Education
Richard C. Wilson, State RCU Director

NO REPORT RECEIVED

DELAWARE

Donald E. Dunkle, State Director of Vocational Education
Rachael Schweitzer, State RCU Director

PROJECTS COMPLETED:

1. Elementary Industrial Arts Program, Conrad District
2. Performance Based, Self-Paced, Individualized Instructional System, Kent Co. Voc.-Tech. School District
3. Educational Resources Association, Delaware Technical and Community College
4. Career Education Instructional System Program, Newark School District
5. Occupational Teacher Education, University of Delaware

NEW PROJECTS FUNDED

1. Competency-Based Curriculum Production, Newark School District
2. Educational Resources Association, Delaware Technical and Community College
3. Computerized Guidance Information System, Department of Public Instruction

RESEARCH RELATED ACTIVITIES

NONE

PROJECTS AND ACTIVITIES PLANNED

NONE

DISTRICT OF COLUMBIA

Otho E. Jones, State Director of Vocational Education
Jeannie H. Carter, State RCU Director

PROJECTS COMPLETED:

NONE

NEW PROJECTS FUNDED:

NONE

RESEARCH RELATED ACTIVITIES:

1. Provided monitoring and supervision for "Career Mobile" Project, a public and student relations campaign which disseminated information and recruited students in the District.

2. Prepared the Annual Statistical and Descriptive Reports.

3. Acted as a clearinghouse for Vocational Education information and acquired and disseminated findings and materials requested.

4. Provided appropriate statistical data and information to other states or agencies as requested through surveys and questionnaires.

5. Supervised the development and publication of brochures for several major program areas.

6. Provided technical assistance in the establishment of a sex equity office for Vocational Education.

7. Provided an RCU resources library and catalogued several hundred documents with special detailed assistance.

8. Provided consultant services or technical assistance to various divisional staff members on matters relating to research and development, the Vocational Education Act and the State Plan.

9. Coordinated the establishment of the State Plan Committee and provided technical assistance for orientation and subsequent meetings.

10. Coordinated the collection of descriptive and manpower statistical data for the State Plan on Vocational Education.

DISTRICT OF COLUMBIA

11. Identified appropriate evaluation resources i.e., universities, private groups, etc. for the evaluation of Vocational Education Programs.

12. Assisted in the development and refinement of cooperative agreements and contracts.

13. Provided periodic status reports on current and pending vocational education legislation.

14. Coordinated and disseminated information on Federal grant opportunites for which vocational education is eligible and facilitated the proposal submission process.

15. Served as a team member in the performance review of the District's Part D Project "The D. C. Experience-based Career Education Project".

16. Attended NOICC-SOICC Conference and assisted in the development of the Intra-agency Agreement for the District.

17. Assisted in the Development of departmental policy position papers.

18. Assisted in the preparation of a Master Course List of Program Offerings for Vocational Education in conjuction with the Data Processing Service Unit.

PROJECTS AND ACTIVITIES PLANNED:

1. To refine placement process for Vocational Education graduates.

2. To conduct a needs assessment for three major program areas.

FLORIDA

Joe D. Mills, State Director of Vocational Education
Patsy Agee, State RCU Director

PROJECTS COMPLETED:

1. Educational Systems Research Institute, Inc. Computer Assisted Placement Services (CAPS) System, Pittsburgh, Pa.

2. EPIC - Educational Progress in Careers, Inc., EPIC Incorporated, Fort Lauderdale

3. V-TECS Membership contact with Vocational-Technical Educati Education Consortium of States, Southern Association of Schools and Colleges, Atlanta, Georgia

4. Educational Testing Services (ETS) Third Party Evaluation, ETS, Atlanta, Georgia

5. Educational Systems Research Institute, Inc. Computer Assisted Placement Services System (CAPS), Pittsburgh, Pa.

6. EPIC-Educational Progress in Careers, Inc. Development and Field Test of Community Involvement Procedures Manual, EPIC, Incorporated, Ft. Lauderdale

7. Provision of Consultative Research Assistance for Vocational Education, University of West Florida, Pensacola

8. To Implement a System for Providing Curriculum Materials in the Areas of Turfgrass, Flori-culture, Pesticide Applicator and Seafood Production to Florida Vocational Teachers of Agriculture, University of Florida, Gainesville

9. To Develop a System for Evaluating Local Vocational Education Programs, Florida State University, Tallahassee

10. To Completed Diversified Teachers Education Competency Education Project, University of South Florida, Tampa

11. The Development and Verification of Professional Competencies for Vocational Agriculture Teachers, University of Florida, Gainesville

12. To Design and Operate a Field Test Center for Vocational Education Projects in Conjunction with the Career Development Consortium Project, Manatee Junior College, Bradenton

13. Implementing a System for Providing and Developing Individualized Instructional Materials for the Disadvantaged Handicapped, Duval County School Board, Jacksonville

14. Continue the District Portion of Vocational Education for Career Development: K-Universities, Manatee County School Board, Bradenton

15. Development and Verification of a Competency Based Preservice Learning System for Vocational Teachers, Florida State University, Tallahassee

16. Continue the District Portion of the Comprehensive Program of Vocational Education for Career Development, Sacrasota County School Board, Sarasota

17. Demonstration of Individualized Instruction Techniques - Establishment of CDS Demonstration Classrooms, Tallahassee

18. Supplemental funds for Project Model for Computerized and Follow-up Study, Alachua County School Board, Gainesville

19. Campus-wide Metric Laboratory, Okaloosa Junior College, Niceviele

20. Consultative Services for Vocational Career Development Consortium, Manatee Junior College, Bradenton

21. Perpetuate puppetry, Volusia County School Board, Daytona Beach

22. A Demonstration of Inter-Institutional Collaboration for the Design of a Competency-Based Cooperation Program for Teacher Certification, Leon County School Board, Tallahssee

23. Community Outreach, Pinellas County School Board, St. Petersburg

24. The Evaluation of a Vocational Education Program by Potential Major Employers in the Community College, Gulf Coast Community College, Panama City

25. Human Relations/Communication Model, University of West Florida, Pensacola

26. Develop and Test a Plan for Validating a Catalog of Competencies in Industrial Arts, Florida State University, Tallahassee

FLORIDA

27. An Exemplary Model for a County Maintained Information Program on Vocational Education for Guidance and counseling Personnel, Levy County School Board, Bronson

28. An Exemplary Model for A County Maintained Information Program on Vocational Education for Guidance and Cojnseling Personnel in a Large Size System, Orange County School Board, Orlando

29. Establishing and Operating an Advisory Council and Program Service Area Committed for Vocational Teacher Education, Florida International University, Coral Gables

30. An Exemplary Model Solar Hotwater System for Heating Plant Propagation Beds, Washington County School Board, Chipley

31. Identification and Description of Secondary and Innovative Practices and Strategies to Provide a more effective Delivery System for the Handicapped, Florida State University, Tallahassee

32. Development of a Demonstration Simulator for Emergency Medical Technician Students, Sarasota County School Board, Sarasota

33. Identification and Description of Exemplary and Innovative Practices in Vocational Education for Recruiting the Disadvantaged Illiterate Learner, Florida A & M University, Tallahassee

34. Identification and Description of Exemplary Practices in Vocational Education for Recruiting Early School Leavers for Manpower Training and Job Placement in Selected Institutions in Florida, Florida A & M University, Tallahassee

NEW PROJECTS FUNDED

1. Educational Systems Research Institute, Inc. Computer Assisted Placement Services (CAPS) System, Pittsburgh, Pa.

2. EPIC - Educational Progress in Careers, INC., EPIC, Inc., Fort Lauderdale

3. V-TECS Membership contract with Vocational - Technical Education Consortium of States, Southern Association of Schools and Colleges, Atlanta, Georgia

4. Educational Testing Service (ETS) Third-Party Evaluation ETS, Atlanta, Georgia

5. Educational Systems Research Institute, Inc. Computer-assisted Placement Services System (CAPS), Pittsburgh, Pa.

6. EPIC - Educational Progress in Careers, Inc. Development and Field Test of Community Involvement Procedures Manual, EPIC, Incorporated, Ft. Lauderdale

7. Provision of Consultative Research Assistance for Vocational Education, University of West Florida, Pensacola

8. Demonstration of Individualized Instruction Techniques - Establishment of CDS Demonstration Classrooms, Florida State University, Tallahassee

9. Supplemental funds for Project "Model for Computerized District Completion and Follow-up Study", Alachua County School Board, Gainesville

10. A Pilot Project - Demonstration of an RCU Evaluation Model, Florida State University, Tallahassee

11. Campus-Wide Metric Laboratory, Okaloosa-Walton Jr. College, Niceville

12. Consultative Service for Vocational Career Development Consortium, Manatee Junior College, Bradenton

13. Perpetuate Puppetry, Volusia Co. School Board, Daytona Beach

14. A Demonstration of Inter-Institutional Collaboration for the Design of a Competency-Based Cooperation Program for Teacher Certification, Leon County School Board, Tallahassee

15. Community Outreach, Pinellas County School Board, St. Petersburg

16. The Evaluation of a Vocational Education Program by Potential Major Employers in the Community College, Gulf Coast Community College, Panama City

17. Human Relations/Communication Model, University of West Florida, Pensacola

18. Develop and Test a Plan for Validating a Cataloge of Competencies in Industrial Arts, Florida State University, Tallahassee

19. An Exemplary Model for a County Maintained Information Program on Vocational Education for Guidance and Counseling Personnel, Levy County School Board, Bronson

20. An Exemplary Model for a County Maintained Information Program on Vocational Education for Guidance and Counseling Personnel in a Large Size System, Orange County School Board, Orlando

21. Establishing and Operating an Advisory Council and Program Service Area Committee for Vocational Teacher Education, Florida International University, Coral Gables

22. An Exemplary Model Solar Hot Water System for Heating Plant Propagation Beds, Washington School Board, Chipley

23. Identification and Description of Exemplary and Innovative Practices and Strategies to Provide a More Effective Delivery System for the Handicapped, Florida State University, Tallahassee

24. Development of a Demonstration Simulator for Emergency Medical Technician Students, Sarasota County School Board, Sarasota

25. Identification and Description of Exemplary and Innovative Practices in Vocational Education for Recruiting the Disadvantaged Illiterate Learner, Florida A & M University Tallahassee

26. Identification and Description of Exemplary Practices in Vocational Education for Recruiting Early School Leavers for Manpower Training and Job Placement in Selected Institutions in Florida, Florida A & M University, Tallahassee

RESEARCH RELATED ACTIVITIES:

1. Revision and Implementation of Mission Statements for the Bureau Operation and for Instructional Responsibilities Designated to this Bureau.

2. Presentations to the Following Groups Concerning Bureau Activities: (a) Local administrators and community college deans (b) teacher educators (c) division staff

3. Implementation of the CAPS Placement and Follow-up System State-wide on a Pilot Basis

4. Praticipation in the Fall and Spring meetings of the Southwide Research Coordinating Council

5. Attended and participated in the National RCU Personnel Conference

6. Attending meetings of Division Bureau Chiefs, State Vocational and Coordinating Councils, D.O.E. Administrative Council, State Advisory Council and other councils and committees

7. Meeting with coordinators from curriculum network management centers and state coordination centers

8. Conducted two statewide meetings in Florida on placement and follow-up for local school districts

9. Serving on Board of Directors for V-TECS and participating in all Board activities

10. Working cooperatively on manpower information and placement and follow-up programs with state agencies and other interested groups, such as Department of Commerce, Department of Health and Rehabilitative Services, American Vocational Association, and National Advisory Council for Vocational Education

11. Preparing research and exemplary, dissemination and diffusion, and evaluation components for Florida State Plan and Annual Descriptive Report.

12. Reviewing recommending and monitoring managerial aspects of research exemplary, evaluation and dissemination projects funded in the State.

13 Providing consultative and technical assistance to projects in progress

14. Responding to requests for information, including preparation of journal articles and newsletters

15. Completing the development of guidelines for review of dissemination systems

16. Coordinating the development of contracts for the Vocational Division

17. Attending Region IV meeting for the purpose of sharing progress reports with discretionary exemplary projects

18. Preparing and submitting amendments to the discretionary research and exemplary projects

19. Coordinating the establishment and implementation of FY 77 research and exemplary discretionary projects

FLORIDA

20. Monitoring discretionary research and ememplary projects.

21. Provided selected educational products to the clearinghouse on Career Education, Ohio State University, for inclusion in the ERIC national information system

22. Preparing the statewide program of work for research, exemplary, evaluation and dissemination activities

23. Conducting site visit to discretionary research and exemplary projects

24. Preparing and submitting applications for bilingual vocational training and career education funding

25. Assuming various responsibilities for professional organizations

26. Evaluating several vocational schools for the regional accrediting agency

27. Developing needs assessment and impact models for Research and Development

28. Coordinating the dissemination of selected R & D project products

29. Development of publication to encourage and facilitate the utilization of follow-up data for program improvement

30. Development of design and instrumentation, collection and analysis of data for program review and subsequent dissemination of findings

31. Attended and participated in the National VIEW Conference

32. Attended and participated in Education Diffusion Conference

PROJECTS AND ACTIVITIES PLANNED:

1. Establish and continue projects operating through the U.S. Commissioner's discretionary share of research and training, and exemplary funds

2. Prepare specifications and initiate research and exemplary projects for 1977-78

3. Continue implementation and further development of a diffusion/dissmination model for the Vocational Division

4. Identify and initiate new research and exemplary projects funded through state-administered monies

5. Continue liaison and coordination of vocational research and development efforts in and out of state

6. Evaluate and further refine a program review system to establish minimum student performance standards

7. Florida VIEW Center relocated in Tallahassee as a unit in the RCU

GEORGIA

Russell S. Clark, State Director of Vocational Education
John Lloyd, State RCU Director

PROJECTS COMPLETED

1. The Adoption of an Individaluzed Program for Georgia's Area Vocational-Technical Schools, Athens Area Vocational Technical School, Athens
2. Public Service Cluster, Gwinnett Co. Schools
3. Development of Catalogs of Perfermance Objectives and Criterion-Referenced Measures, West Georgia College Carrollton

NEW PROJECTS FUNDED

1. Business Data Processing Curriculum Development, Muscogee Co. Schools, Columbus
2. Post-Secondary Program Evaluation Project, Athens Area Vocational Technical School, Athens
3. Management Information System, Albany, Athens, Marietta, Waycross

RESEARCH RELATED ACTIVITIES

1. Conducted workshops concerned with career and/or vocational education.
2. Conducted workshops on individualizing instruction.
3. Worked with local school systems and universities in the development of proposals.

PROJECTS AND ACTIVITIES PLANNED

1. Individualizing a post-secondary school's curriculum based on the V-TECS catalogs.
2. Development of catalogs of performance objectives and criterion-referenced measures.

HAWAII

Samson S. Shigetomi, State Director of Vocational Education
Sybil Kyi, State RCU Director

NO REPORT RECEIVED

IDAHO

Roy D. Irons, State Director of Vocational Education
Lawrence Lannigan, State RCU Director

NO REPORT RECEIVED

ILLINOIS

James Galloway, State Director of Vocational Education
Ronald D. McCage, State RCU Director

PROJECTS COMPLETED

1. A Basic Research Study for Solar Energy, Amherst, Massachusetts National Evaluation Systems, Inc.

2. A Marketability Study of Graduates of Illinois Agricultural Programs of Higher Education, Illinois State University, Normal

3. Career and Vocational Education in the 1980's: Toward a Process Approach, Carbondale University, Southern Illinois

4. Comprehensive Needs Assessment Study for Vocational Education in Programs and Services in Illinois, Minneapolis, Minnesota Educational Management Services, Inc.

5. An Assessment of Employment and Training Needs for Coal Mining and Gasification Occupations, Raleigh, North Conserva, Inc.

6. Assessment for Vocational Program Needs and Development in Illinois Correctional Institutions, Carbondale University Southern Illinois

7. Implementation of the Rockford Area Service Center for Occupational and Career Education Materials, Rockford Boone-Winnebago Counties

8. The Uncomplicated Elementary Career Education System for the "Real" Classroom, Chicago Heights School District, Bloom Township High

9. Career, Academic and Life: A Secondary Level Career Education Film, University of Illinois, Urbana

10. Project MAVE (Model for Articulated Vocational Education), South Holland School Association, Thornton Area Public

11. Measuring Career Readiness in Elementary/Secondary Education, Edwardsville University, Southern Illinois

12. Apprenticeship Instructor's Teaching Program, Greater Peoria Contract and Suppliers Assoication, Inc., Peoria

13. Compilation/Description of Interest Inventories Currently Utilized in Illinois, Urbana University of Illinois

14. An Assessment of Inland Marine and Related Occupations, Villa Park, William Parsons and Associates

15. Land Reclamation and Mining Program, Pinckneyville, Pinckneyville Community High School District

16. Demonstration Center for Child Care Training, Chicago, Chicago City Colleges

17. Public Service Practicum, Elk Grove, Elk Grove High School District

18. Analysis of Sex Bias in Career Choice of Students Exposed to Career Education Programs, DeKalb, Northern Illinois University

19. Systematic Field Testing of Curriculum Materials for Broadening the Scope of Involvement of Young Women in Occupational Education, McLean, Virginia Steiger, Fink and Kosecoff, Inc.

20. Tri-County Career Education Project, East Peoria, Illinois Central College

21. Project COVEE (Consortium of Vocational Educators and Employers) Ewardsville, Regional Office of Education-Madison County

22. Occupational Survival Skills Project, Urbana, University of Illinois

23. Career Assistance and Placement Services, River Grove, Triton Community College

24. Survival Skills and Curriculum for Bilingual Students, Carbondale Southern Illinois University

25. Curriculum Guide for a Seminar Type Course to Provide Pre-Employment Skills to Vocational Students Entering the World of Work, Albion, Edwards County High School District,

26. Demonstration of Sequential Programs in Occupational Education, Chicago, Chicago Public Schools

27. Far West Laboratory/Experience Based Career Education Technical Assistance, San Francisco, CA Far West Laboratory for Educational Research and Development

28. Northwest Regional Educational Laboratory/Experience Based Career Education Technical Assistance, Portland, Oregon Northwest Regional Educational Laboratory

29. Implementation and Diffusion Network for Personnel Providing Occupational Education to Disadvantaged and Handicapped Persons, 9 sites in Illinois

ILLINOIS

30. Perform a Cost Differential Study of Special Cooperative Education Programs, Atlanta, Georgia Robert Davis Associates Inc.

31. Self Concept Development Through Consumer Education Units, Edwardsville, Southern Illinois University

NEW PROJECTS FUNDED

1. Marketability Study of Agricultural Graduates, Illinois State University

2. Handicapped and Disadvantaged Coordination, Illinois State University

3. Survival Skills Project, University of Illinois

4. Handicapped and Disadvanted Site, Sauk Area Vocational Center

5. Competency-Based Personnel Development, Southern Illinois University-Carbondale

6. State Staff Inservice, Eastern Illinois University

7. State Office Interns, Southern Illinois University-Carbondale

8. Area Vocational Center/Community College Internships, Eastern Illinois University

9. Uncomplicated Career System, Bloom High School

10. CERT Project, Southern Illinois University-Edwardsville

11. Labor, business, education Council, Boone/Winnebago Regional Superintendent

12. Handicapped and Disadvantaged Site, Edwardsville #7

13. Handicapped and Disadvantaged Site, Springfield #186

14. Cooperative Education Workshops, Southern Illinois University-Carbondale

15. Handicapped and Disadvantaged Site, Triton College

16. Handicapped and Disadvantaged Site, Mt. Prospect #124

17. Handicapped and Disadvantaged Site, Rockford Area Vocational Center

ILLINOIS

18. Handicapped and Disadvantaged Site, Herrin Schools

19. Handicapped and Disadvantaged Site, Tilden School

20. Limited English Speaking, Southern Illinois University, Carbondale

21. Handicapped and Disadvantaged Site, Joliet #204

22. Placement Personnel Training, Southern Illinois University-Carbondale

23. Female Administrators Program, Northern Illinois University

24. University Liaison, Northern Illinois University

25. University Liaison, Eastern Illinois University

26. University Liaison, Illinois State University

27. University Liaison, Southern Illinois University-Edwardsville

28. University Liaison, Southern Illinois University-Carbondale

29. University Liaison, Western Illinois University

30. Publications Clearinghouse, Western Illinois University

31. University Liaison, University of Illinois

32. University Liaison, Chicago State University

33. Illinois Vocational Association Administration, Illinois Vocational Association

34. Public Service Practicum Demonstration, Mt. Prospect #214

35. Inservice of Part-Time Teachers, Southern Illinois University-Carbondale

36. Ornamental Horticulture Workshop, Wilko Area Vocational Center

37. Teacher Training for Limited English Speaking Students, Illinois State University

38. Area Vocational Center Staff Development, Lake County Area Vocational Center

39. Area Vocational Center Exchange, Whiteside Area Vocational Center

ILLINOIS

40. Child Care Demonstration, Springfield #186

41. COVEE Project, Madison County Regional Superintendent

42. Child Care Demonstration, City Colleges

43. CARE Workshops, Eastern Illinois University

44. Illinois Vocational Association Institute, Illinois Vocational Association

45. Upgrading Provisionally Certified, Southern Illinois University Carbondale

46. MAVE Project, TAPSA

47. Land Reclamation, Pinckneyville #101

48. Pre-Employment and Placement Workshops, Edwards County #1

49. Coal Mining Curriculum, CONSERVA

50. State Staff Inservice, Eastern Illinois University

51. Experience Based Career Education, Sycamore #427

52. Experience Based Career Education, Decatur #61

53. Experience Based Career Education, Joliet #204

54. Experience Based Career Education-Third Party Evaluation, Educational Management Services, Inc.

55. Experience Based Career Education, Decatur #61

56. Experience Based Career Education, Joliet #204

57. Experience Based Career Education, Sycamore #427

58. K-14 Health Occupations Articulation, Success Research Consultants

59. State-wide Area Vocational Center Planning, Southern Illinois University-Carbondale

60. Secondary Agricultural Standards, Southern Illinois University-Carbondale

61. V-TECS, Southern Association of Colleges and Schools

62. DAVEA Extension Training, DAVEA

ILLINOIS

63. Tri-County Career Education, Tri-County Council

64. Vocational Youth Organization, ICCVYO/

65. Field Test of Marketing Guides, Northern Illinois University

66. Agricultural Standards-Post Secondary Level, University of Illinois

67. Workshops on Career Exploration Guide, Eastern Illinois University

68. Development of Part-Time Community College Faculty, University of Illinois

RESEARCH RELATED ACTIVITIES

The Research and Development Section has two federal grants and a contract presently headquartered in the Section:

1. Part C - Grant entitled "The Special Vocational Education Needs of Women". For this activity, subcontracts were initiated to develop a 16 MM film dealing with the elimination of sex role stereotyping in vocational education and preparation of an instructional package to broaden the occupational horizons of youth.

2. Part D - Grant entitled "The Illinois Experience Based Career Education Project". This is a cooperative activity with the Joliet, Sycamore and Decatur School Districts.

3. NIE Contract - Entitled "A Comprehensive State Plan for the EBCE Implementation in Illinois".

PROJECTS AND ACTIVITIES PLANNED

The Research and Development Section has issued Request for Proposals (RFPs) for the following FY 1978 projects/activities:

Conduct assessments designed to determine the impact of vocational education programs and practices on individuals special groups.

A study to identify the new and emerging occupations in Illinois and to ascertain the effect(s) of such occupations upon the present and future Illinois vocational program needs

Conduct a study to evaluate the nineteen regional Career Guidance Centers which provide guidance, placement, and follow-up activities to special groups and determine the feasibility of expanding such centers

To support innovative research and developmental programs/activities that originate at the local educational agency level

Identify and implement innovative program(s) and/or transportable model(s) of vocational education designed to develop high quality vocational education programs for urgan center(s) with high concentrations of econmically disadvantaged individuals, unskilled workers and unemployed persons

To support innovative and exemplary programs/activities that orginate at the local educational agency level

To demonstrate how schools are delivering vocational instruction using competency-based curricular methods

Revise, update, and expand the existing Work Experience and Career Education Program (WECEP) guide to include new and emerging occupational areas and serve the unmet needs of students in special cooperative education programs

To develop curriculum guides for basic orientation and skill development in various areas of marketing in vocational education

To field test a Health Occupations Curriculum Guide which was developed under a previous AVTE funding agreement

To develop competency-based curriculum guides in vocational education. This activity is open for local input

To provide instruction to 300 or more practicing vocational education teachers with awareness of and techniques in teaching handicapped and/or disadvantaged students in the secondary or post-secondary classrooms

Provide for staff development activities for personnel responsible for implementing/improving vocational guidance and counseling programs in the nineteen Career Guidance Centers

To assist local education agencies (LEAs) in the development, delivery and evaluation of locally-based inservice staff development

To provide 40 or more administrators of vocational education with meaningful sessions based on topics determined by the workshop participants

To increase awareness and develop skills in AVTE states staff for overcoming sex bias in vocational education

To develop and/or organize materials and resources which will assist LEAs as they conduct inservice staff development to eliminate sex discrimination and sex stereotyping in vocational education

ILLINOIS

To assist AVTE in the development and documentation of a long range management and programmatic plan for the achievement of sex equity in adult, vocational and technical education in Illinois

To support model exemplary programs/activities in the elimination of sex discrimination and sex bias in vocational education that originate at the local educational level

INDIANA

Don K. Gentry, State Director of Vocational Education
Edgar Hornback, State RCU Director

PROJECT COMPLETED:

1. A Proposal to Develop a Comprehensive State-Wide Evaluation Plan for Indiana's Vocational-Technical Activities, New Educational Directions, Crawfordsville

2. Development of Model Follow-Up Instrument and Computerized Procedure Applicable to High or Post-High Utilization, Vincennes University, Vincennes

3. Mini-Project to Develop an Individual Instruction Mode for the Course, "You and the World of Work.", Vincennes University, Vincennes

4. Course Content for Teaching Electronic Bischarge Machining for Secondary Vocational Education, Mid-Central Area Vocational School, Elwood

5. Identification and Evaluation of Student Admissions and Evaluation Procedures for the Vocational Nursing Programs in the State of Indiana, Fort Wayne Community Schools, Fort Wayne

6. General Related Instruction Guide for Vocational Distributive Education, Fort Wayne Community Schools, Fort Wayne

7. A System to Integrate Efforts of Universities Counselor Educators, Vocational Educators and School System Educators to Develop a Stronger Counselor Training Program, Indiana University, Bloomington

8. Budget for the Visitation Phase of Postsecondary Accreditation Process, Indiana Vocational Technical College, Indianapolis

9. Development and Implementation of an In-Service Training Program for Curriculum Development in an Area Vocational Schools, W. Washington School Corporation, Cambellsburg

10. The Development of a Competency-Based, Multi-Occupational System for Flexible Vocational Education Programming, Carmel Clay Schools, Carmel

11. Assessment and Evaluation of the Public's Perception of Vocational Education in Indiana, Purdue Research Foundation, West Lafayette

12. The Development and Validation of a Vocational Interest Survey Instrument with Audio-Visual Format, Penn-Harris-Madison S.C., Osceola

INDIANA

13. Griffith High School Career Education Pilot Project, Griffith Public Schools, Griffith

14. A Pilot Project to Develop Work-Infused Experiences for Mathematics Instruction, Elkhart Community Schools, Elkhart

15. D.E. Consortium of State Teacher Education Institutions for In-Service Personal Contact Follow-Up of D.E. Teacher Personnel, Indiana State University, Terre Haute

16. Work Attitudes and Employment, New Educational Directions, Crawfordsville

17. Establish a National Occupational Competency Testing Center to Serve Indiana's Needs, Purdue University, West Lafayette

18. A Model for Competency Based Vocational Teacher Evaluation, Crowfordsville Community Schools, Crawfordsville

19. Quantitative Requirements for Vocational Educators in Indiana, Purdue Research Foundation, West Lafayette

20. Development of Electro-Laser Surveying Measurements as Applied to Technical Education, Vincennes University, Vincennes

21. Computer Aided Instruction in Drafting, Civil Engineering and Electronics Technologies, Vincennes University, Vincennes

22. Assessment of Manpower Needs in Production Agriculture and Agri-Business Firms in Indiana, Purdue Research Foundation, West Lafayette

23. Facilitation of Entry into an Association Degree Nursing Program by Licensed Practical Nurse, Purdue University, West Lafayette

24. Expand use of Cognitive Style Mapping as Counseling Tool, Indiana Vocational Technical College, Terre Haute

25. Sex as a Determinant in Vocational Choice, New Educational Directions, Crawfordsville

26. Attitudes of Adolescent Girls Towards Vocational Education, Indiana University, Bloomington

27. The Development of a Vocational Diagnostic Program, Indiana Vocational Technical College, South Bend

28. Assessment of Vocational Program Needs, Garrett-Keyser-Butler S.C., Garrett

INDIANA

29. Research Educational Materials to Produce Business Vocational Education Promotional Programs, Evansville-Vanderburgh S.C., Evansville

30. Development of a Bibliography of Filmstrips of ICT Instruction, Purdue Research Foundation, West Lafayette

31. A Bibliography of Cassette Instructional Materials Available for ICT Instruction, Purdue University, West Lafayette

32. Lake Central High School Intensive Office Laboratory Prospectus for Businessman, Lake Central School Corporation, St. John

33. A Project to Update the Needs and Objectives of Vocational Programs, Monroe Co. Community School Corporation, Bloomington

34. Research and Development: Curriculum Planning for Area Vocational School, S. Central AVS, Campbellsburg

35. Northern Center: Career Education/Vocational Exploration In-Service, Penn-Harris-Madison S.C., Mishawaka

36. Identification and Analysis of Distributive Curricular Needs by Job Title, MSD of Washington Township, Indianapolis

37. Special Services Coordination Involving Screening Placement Follow-Up of Vocational Students, Evansville-Vanderburgh School Corporation, Evansville

38. Development of a Health Occupations Continuing Education Center, Evansville-Vanderburgh School Corporation, Evansville

39. Job Title Analysis Curriculum Development, Bartholomew Cons. School Corporation, Columbus

40. A Multi-Community Occupational Needs Services, Logansport Community School Corporation, Logansport

41. Special Services Coordinator Involving Screening Placement and Follow-Up of Vocational Students, Evansville-Vanderburgh School Corporation, Evansville

NEW PROJECTS FUNDED:

NONE

INDIANA

RESEARCH RELATED ACTIVITIES:

NONE

PROJECTS AND ACTIVITIES PLANNED:

NONE

IOWA

William O. Schuermann, State Director of Vocational Education
Kenneth M. Wold, State RCU Director

PROJECTS COMPLETED

1. Career Education Needs and Development Plan for Merged Area (Education) VIII, Hawkeye Technical Institute, Waterloo

2. Proposal for a Research Grant to Determine the Needs of Merged Area XIV in Relation to the Implementation of a long Range Plan for Career Education, Southwestern Community College, Creston

3. Career Needs Assessment for Merged Area IV, Northwest Iowa Technical College, Sheldon

4. An Assessment of the Roles, Functions, and Needs for Personnel Development Coordination Within Area Schools and Area Education Agencies, Iowa State University, Ames

5. Procedures for Teaching Skills for Living in Classes Where Mildly Handicapped Pupils are Integrated with Non-Handicapped Pupils, Iowa State University, Ames

6. Implementation of an Employer Follow-Survey, Department of Public Instruction, Des Moines

7. Hazardous Substances and Pesticides Survey and Training Program, Department of Public Instruction, Des Moines

NEW PROJECTS FUNDED

1. Development and Field Testing of a Model for Implementing Career Program Assessment, Des Moines Area Community College, Ankeny

2. Iowa Distributive Education Three-Year Improvement Plan, University fo Northern Iowa, Cedar Falls

3. CENIS III, Department of Public Instruction, Des Moines

4. Implementation of an Employer Follow-Up Survey, Department of Public Instruction, Des Moines

5. Assessing the Effect fo Adult High School Completion Programs on Graduate Placements, Des Moines Area Community College, Ankeny

6. Student Questionnaire Data Collection, Kirkwood Community College, Cedar Rapids

7. Hazardous Substances and Pesticides Survey and Training Program, Department of Public Instruction, Des Moines

RESEARCH RELATED ACTIVITIES:

1. Reviewed and assessed the progress of research projects and consulted with project directors and staffs in regard to continuation of these projects.

2. Established research priorities for Fiscal Year 1978. Solicited input from Iowa local school, area school, area education agency, college, and university staffs regarding questions and problems to be investigated. With the aid of the Career Education Research Advisory Committee and Career Education Division management staff, established a priority ranking of items to be undertaken during Fiscal Year 1978.

3. Prepared and disseminated requests for proposals based on prioritized listings of suggestions.

4. Continued to encourage research proposal development by local and area schools, area education agencies, colleges and universities.

5. Worked with individuals interested in preparing proposals for new research projects.

6. Obtained proposal evaluations from Career Education Research Advisory Committee, and developed recommendations for approval.

7. Prepared research project materials for printing. Disseminated these materials.

8. Prepared and disseminated three issues of a Research and Exemplary Activities Newsletter.

9. Analyzed and summarized state income tax and social services data and incorporated them into a publication entitled, Low Income Individuals in Iowa School Districts and Counties - Data Summaries.

10. Prepared the Annual Fiscal, Statistical, and Descriptive Report, FY 1976, as required by the U. S. Office of Education

11. Continued to sponsor the development of individual area assessment and planning projects in the merged area schools in Iowa.

12. Coordinated development of the State Plan for the Administration of Vocational Education Within Career Education, FY 1978-1982.

13. Disseminated information from the United States Office of Education, Washington, D.C., pertaining to submitting proposals for discretionary monies.

14. Prepared and disseminated findings of a student interest survey and a labor demand survey.

15. Prepared materials and contracted for a pilot study of an employer follow-up survey.

16. Reprinted and disseminated the following publications of the series of six studies pertaining to the identification of Tasks in Home Economics Related Occupations:
    Care/Development of Children
    Family and Community Services
    Food Service

17. Coordinated development of a State Plan for Career Education.

18. Prepared materials and coordinated Career Education Needs Information System (CENIS III) surveys.

PROJECTS AND ACTIVITIES PLANNED:

1. Provide consulative service to local schools, area schools, area education agencies, colleges, and universities as requested for the development and implementation of research in career education.

2. Solicit suggestions for research topics, and obtain rankings of topics from the Career Education Research Advisory Committee and the Career Education Division management staff.

3. Prepare and disseminate requests for research proposals based on prioritized listing of topics.

4. Continue to stimulate interest in additional research undertakings.

5. Continue to disseminate the findings of research projects.

6. Update an Iowa Program Priority Area listings for use in planning program direction at local and area schools.

7. Ascertain progress of ongoing research projects by means of a self-evaluation instrument (Research Project Evaluation Report) and through follow-up visits to research sites as necessary.

8. Apply data to standard formulas to obtain final priority ranking of secondary of secondary and postsecondary institutions for reimbursement purposes.

9. Prepare materials and coordinate employer follow-up project from State office.

10. Develop a Vocational Education Handbook to supplement the Iowa State Plan for the Administration of Vocational Education Within Career Education.

11. Prepare and disseminate Research and Exemplary Activities Newsletter each quarter during the fiscal year.

12. Coordinate development of the Annual U.S. Office of Education Statistical, Fiscal and Descriptive Report of Activities for Fiscal Year 1977.

13. Coordinate the update of the Iowa State Plan for the Administration of Vocational Education Within Career Education.

14. Analyze and summarize state income tax and social services data and incorporate them into a publication entitled, Low Income Individuals in Iowa School Districts and Counties - Data Summaries.

15. Coordinate development of a State Plan for Career Education.

16. Utilize interface data from the third cycle of the Career Education Needs Information System (CENIS) to provide a base for developing the publication Prioritizing Iowa's Training Needs to be distributed to local and area schools, area education agencies, colleges and universities, and state agencies.

17. Prepare materials and coordinate a student interest survey and a labor supply survey, and disseminate findings to education agencies in Iowa.

KANSAS

Dean Prochaska, State Director of Vocational Education
Dean Prochaska, State RCU Director

NO REPORT RECEIVED

KENTUCKY

Billy R. Howard, State Director of Vocational Education
State RCU Director, VACANT

NO REPORT RECEIVED

LOUISIANA

Norman J. Stafford, Jr., State Dirctor of Vocational Education
Florent Hardy, State RCU Director

PROJECTS COMPLETED:

1. Effects of Testwiseness on Performance of Vocational Education Students on the DAT and GATB, St, Bernard Parish School Board

2. Determining Needs for Vocational Training for Marine Industrial Occupations, Young Memorial Vocational-Technical School

3. Opportunities and Directions of the Vocational Home Ec Programs as Perceived by Louisiana School Superintendents, Louisiana Tech University

4. Criminal Justice Education and Action Projects for Unions, Loyola University

5. Curriculum Development for Teachers of Home Economics Related Occupations, Nicholls State University

6. Occupational Home Ec Curriculum Expansion Program, Northeast Louisiana University

7. Revision of Curriculum Occupational Programs in Radio and TV Services, Northwestern State University

NEW PROJECTS FUNDED

NONE

RESEARCH RELATED ACTIVITIES:

1. Disseminate research findings and ERIC microfiche upon requests.

2. Retrieved and compiled all statistical data presented in Louisiana's Five-Year State Plan for Vocational Education.

3. Formulated guidelines for vocational education programs and research proposals.

4. Assisted local education agencies in proposal writing to meet guidelines.

5. The RCU has monitored 15 Part C Research and Training projects funded with Vocational Education research funds.

6. The RCU has maintained and cataloged vocational education research publications which are received by the office daily. These publications are stored for reference in the RCU library.

7. The RCU has maintained the Educational Resources Information Center (ERIC) on microfiche. This collection is housed in the Department of Education Library and is used by Department personnel and the public who come to the Department, or write or call for research materials provided by ERIC.

8. The RCU has received Abstracts in Instruction/Research Materials (AIM/ARM) which provides research materials specifically in the field of vocational education. This information is housed in the Department of Education Library.

9. The RCU has been responsible for typing, compiling, organizing, disseminating, and updating the Five-Year State Plan for the Administration of Vocational Education as mandated by the Education Admendments of 1976 (Public Law 94-482).

10. The RCU has maintained an occupational information system which includes vocational education program offerings in Louisiana's postsecondary vocational-technical system. This is the Louisiana Occupational Training Information System (LOTIS).

11. The RCU has compiled the End-of-the-Year Report for vocational programs as submitted by each program area.

12. The RCU has compiled the Annual Financial and Statistical Report for submittal to the Regional HEW Office in Dallas.

13. The RCU has compiled the Annual Descriptive Report in which each section and program area summarizes its annual activities for submittal to the Regional Office in Dallas.

14. The RCU has retrieved statistical information for inclusion in the State Plan for Vocational Education.

15. The RCU has conducted feasibility studies for vocational education programs as directed by the State Board of Elementary and Secondary Education. Ascension and Assumption Parishes -- Claiborne Parish -- LaSalle Parish -- LaSalle-Caldwell Parishes -- New Iberia.

16. The RCU has begun to compile the Division of Vocational Education's Policies and Procedures Manual.

17. The RCU has compiled the Division of Vocational Education's Evaluation Criteria for ongoing programs.

18. The RCU represented the Division of Vocational Education at a Bi-Regional Workshop on Reporting as affected by the 1976 Educational Amendments, Public Law 94-482.

19. The RCU represented the Division of Vocational Education at the public hearing conducted by the USOE Regional Office on the Regulations pretaining to the Education Amendments of 1976, P.L. 94-482.

20. The RCU assisted in advertising and conducting the Public Hearings on the Five-Year State Plan for the Administration of Vocational Education.

21. The RCU Supervisor serves as project director for a bilingual vocational education project funded with U.S.O.E. Commissioner's Discretionary Funds. The RCU Supervisor attended a Project Director's meeting conducted by the U.S.O.E. and gave a brief presentation on P.L. 94-482 and its impact on bilingual vocational education.

22. The RCU Supervisor participated in the National Research Coordinating Unit Conference.

23. The RCU Supervisor represented the State Board of Elementary and Secondary Education at the State Occupational Information Coordinating Conference conducted by the U.S. Office of Education.

24. The RCU Supervisor represented the Department of Education at the National Conference to improve the organizational structure of the state Occupational Information System.

25. The RCU Supervisor planned and coordinated the four meetings of the twenty-member Advisory Board for the Five-Year State Plan as mandated by Public Law 94-482.

26. The RCU Supervisor has attended and participated in the State Board of Elementary and Secondary Education's Vocational Technical Committee meetings, as well as the full-Board meetings.

27. The RCU Supervisor has written several articles pertaining to vocational education for the Louisiana Education publication.

28. The RCU Supervisor has written speeches for the Superintendent, the Deputy Superintendent and the Director of Vocational Education, and has written position papers concerning vocational education topics.

29. The RCU Supervisor visited the U.S.O.E. person in charge of Research and Training grants in Washington to assure Louisiana's correct application of Research and Training procedures.

30. The RCU Superivsor presented inservice training to the Division of Vocational Education staff.

31. The RCU Superivsor served as moderator for Vocational Education's Public Meeting sponsored by the Department and HEW Regional Office to provide input for regulations as presented in the 1976 Vocational Education Amendments. One hundred seventy-five vocational educators from throughout the State of Louisiana were in attendance.

32. The RCU Supervisor assisted in the Management Evaluation Review for Compliance (MERC) conducted by the U.S.O.E. to determine Louisiana's compliance in programmatic, financial, and statistical procedures followed in the administration of vocational education programs.

PROJECTS AND ACTIVITIES PLANNED:

1. Help in organizing, compiling and writing and updating the State Plan for Vocational Education as well as providing all statistical data.

2. Monitor Research and Training Projects -- funded by the State Board for Elementary and Secondary Education.

3. Assist in reorgainzing evaluation procedures for all vocational education funded projects.

4. Attend all meetings which will strengthen research efforts of the Bureau.

5. Conduct feasibility studies to determine the need for establishing new vocational-technical school, or the development of new curriculum offerings.

6. Participate on Bureau committees to revise certain forms sent to LEA's for more maximum information.

7. Continue providing manpower data to Trade and Industry Section, in particular, and upon request.

8. Attend and participate in public hearings for Vocational Education.

9. Make presentations to the State Board when vocational education research is involved.

10. Attend meetings, conventions, and workshops for professional growth and development.

11. Continue cooperative efforts with other State agencies to maximize research efforts in vocational education.

12. Assist in all reports requested from the Bureau.

MAINE

Elwood A. Padham, State Director of Vocational Education
John Moran, State RCU Director

PROJECTS COMPLETED:

1. Developing a Laymens Guide to Labor Law, University of Maine at Orono Bureau of Labor Education, Orono
2. Developing a Career and Life Planning Process, Biddeford School Department, Biddeford
3. Developing a Working Passive Solar Greenhouse and Curriculum Vocational Region #10, Brunswick
4. Development of a Curriculum on Worker Attitudes, Augusta School Department, Augusta
5. Development of a Modular Curriculum in Vocational Education, Lewiston School Department, Lewiston
6. Project in Job Development Placement and Follow-up, Lewiston School Department Lewiston

NEW PROJECTS FUNDED:

1. Project in Job Development Placement and Follow-up, Lewiston School Department, Lewiston
2. Counseling Program for the Disadvantaged, Homemakers Organized for More Employment H.O.M.E., Orland
3. Career Education for Rural, Isolated Schools, North Haven Island Community School, North Haven

RESEARCH RELATED ACTIVITIES:

1. Dissemination Design for Vocational Education
2. An analysis of Sex Bias and Sterotyping in Vocational Education
3. The production of a multi-media career information unit relative to Vocational Technical Institutes
4. Development of a sound/filmstrip on the career education program in Maine

5. The development of a multi-unit fisheries curriculum and course materials relative to secondary and post-secondary vocational technical institutes in Maine

6. An assessment fo student personnel services at Maine's vocational technical institutes

7. Maine School Administrator's attitude toward secondary education

8. Development and implementation of research activities for vocational education

9. An analysis fo the factors which influence students in the selection of vocational courses in the St. John Valley High Schools

10. Comparison of teaching/learning technique by teachers and students of vocational-technical institutes

PROJECTS AND ACTIVITIES PLANNED:

1. Solar Energy in the Building Trades

2. Experience Based Career Education

3. Alternative Education Programs for Dropouts

4. Establishing a Functional Research Coordinating Unit in State Department of Education

5. Establishing Guidance Resource Centers in Urban and Rural Locations

6. Sex Bias and Stereotyping Workshops for Department of Education Staff

7. Sex Bias and Stereotyping Workshops for local education agency vocational staff

8. Job development placement and follow-up workshops for guidance staff in State

9. Sex Bias and Stereotyping workshop for guidance staff in State

MARYLAND

Daniel Dunham, State Director of Vocational Education
Garry Q. Green, State RCU Director

NO REPORT RECEIVED

MASSACHUSETTS

David F. Cronin, State Director of Vocational Education
David F. Cronin, State RCU Director

NO REPORT RECEIVED

MICHIGAN

Addison Hobbs, State Director of Vocational Education
Stanley Rumbaugh, State RCU Director

PROJECTS COMPLETED:

1. Developing Performance Objectives, Ingham Int. Sch. Dist.
2. Establish, Operate and Further Development Individualized Performance Based Curriculum, St. Clair Int. S.D.
3. An Analysis of the Relationship Between Expectations and Accomplishments of the Career Education Consortium of Universities, Michigan State University
4. Development of Performance Based Agriculture Education Curriculum, Michigan State University
5. Instructional System Curriculum Assistance, Ingham Int. S.D.
6. Industrial Arts Performance Objective Project, Central Michigan University
7. A Follow-up Study fo the Development and Implementation of an In-service Program Dealing with the Use of Advisory Councils, Central Michigan University
8. Leadership Training for Career Education Planning District Coordinators and Resource Materials Distribution, Michigan State University
9. Development and Training of Support Teams for the Proposed Detroit Area Vocational Centers, School District of Detroit

NEW PROJECTS FUNDED

1. Pre-service Teacher Education Training Material Development Project; Washtenaw Community College
2. Curriculum Articulation in Vocational Education, Gr. Rpds. Jr. College
3. Curriculum Articulation in Vocational Education, Delta College
4. Curriculum Articulation in Vocational Education, Northern Michigan University
5. Curriculum Articulation in Vocational Education, Wayne Co. Comm. Col.

MICHIGAN

RESEARCH RELATED ACTIVITIES:

1. Development of a request for proposals for a project entitled "A Study to Determine the Time Necessary to Complete Identified Tasks for Vocational-Technical Education in Michigan."

2. Provide technical assistance to a variety of constituent groups

3. Maintained study, development, and installation of components of the Vocational Education Information Support System (VEISS)

4. Provided monitoring and consultative services for R & D projects

PROJECTS AND ACTIVITIES PLANNED:

1. Continue development of the Vocational Education Information Support System.

2. Participate in the administration of research, exemplary, and curriculum development projects.

3. Participate in the evaluation of vocational education programs to determine their effectiveness.

4. Provide technical assistance and consultation to members of the Vocational-Technical Education Services of the Michigan Department of Education as well as local school district personnel.

5. Continue to provide monitoring and consultative services for R & D projects.

MINNESOTA

Robert P. Van Tries, State Director of Vocation Education
Melvin E. Johnson, State RCU Director

PROJECTS COMPLETED:

1. Research Coordinating Unit-Vocational Education Research, Minnesota Research Coordinating Unit (MRCU) University of Minnesota
2. Vocational Curriculum Articulation Project, 916 Area Vocational Technical Institute
3. Attributes of Secondary Vocational Center Training; Nature of Programs and Student Perceptions and Plans, Staples Area Vocational-Technical Institute
4. Work Plan for Technical Assistance to the Division of Vocational-Technical Education, Educational Management Services
5. Minnesota Vocational Follow-Up System, National Computer Systems
6. Programmed Logic for Automated Teaching Operations (PLATO), Red Wing Area Vocational-Technical Institute
7. Minnesota Instructional Materials Center, 916 Area Vocational Technical Institute
8. Improvement of Advisory Committee Function, Anoka-Hennepin Area Vocational Technical Institute
9. Women in Non-Traditional Vocational Education Programs, Department of Education
10. Resources and Procedures Applicable in Providing Placement Services in Secondary Cooperative Centers, Southern Minnesota Cooperative Center
11. Proposal for the Elimination of Sex Bias and Sex Stereotyping in Vocational Education, Red Wing Area Vocational-Technical Institute
12. Red Wing Community Conference, Red Wing Area Vocational-Technical Institute
13. 30 Year View of Minnesota Vocational Education, University of Minnesota
14. Coordination of a Vocational Funding Formula, Minnesota Research Coordinating Unit University of Minnesota

MINNESOTA

15. Review of Research on Funding Vocational Education In Minnesota, Univeristy of Minnesota

16. Curriculum Articulation Project, 916 Area Vocational Technical Institute

17. People Needs Survey, State Planning Agency

18. Minnesota High School Follow-Up Project, Minnesota Research Coordinating Unit University of Minnesota

19. Statewide Assessment of Perceived Need for Additional Job Training Beyond High School, Minnesota Research Coordinating Unit University of Minnesota

20. S.P.A.C.E., Phase III, Division of Vocational-Technical Education State Department of Education

21. Area Agricultural Coordination Study, Educational Management Services

NEW PROJECTS FUNDED:

1. Minnesota Research and Development Center-Vocational Education Research, Minnesota Research Coordinating Unit, University of Minnesota

2. Establishment of an Occupational Competency Testing Program in Minnesota, Univeristy of Minnesota, Duluth

3. Supplemental Reimbursement Agreement-Statewode Assessment of Perceived Need for Additional Job Training Beyond High School, Minnesota Research Coordinating Unit Univeristy of Minnesota

4. Northeastern Vocational Operating Board (NEVO), Independent School District #709

5. Plato, Phase II, Red Wing Area Vocational-Technical Institute

6. Special Needs, Bemidji State University

7. A Study of the Status and Viability of Licensed Practical Nursing Programs in the State of Minnesota, Educational Management Services

8. S.P.A.C.E. Project, Transition Year, Southern Minnesota Cooperative Center

9. Minnesota Secondary School Follow-Up Project, Minnesota Research Coordinating Unit University of Minnesota

10. S.P.A.C.E. Project, Transition Year, Anoka-Hennepin School District #11

11. Minnesota Vocational Follow-Up System (Post-Secondary), National Computer Systems

12. Implementation of a Student and Staff Chemical Dependency Assistance Program in Minnesota AVTIs, Anoka Area Vocational Technical Institute

RESEARCH RELATED ACTIVITIES:

Several other areas of research and development activities related to vocational education are being planned or in-process. These include: a special needs assessment study; a vocational education data systems follow-up feasibility study; a survey of industrial education teachers-attitude/perception; labor market analyses; women in non-traditional vocational education programs, in-service training for placement activities, and selected aspects of vocational program planning.

PROJECTS AND ACTIVITIES PLANNED:

The major projects/activities planned for the next 12 months are principally those listed in the section-new projects funded in the past 12 months. These include the broad areas of program planning, evaluation, development of management information systems, follow-up and placement, reduction of sex bias/sex role stereotyping, development of vocational education funding formulas and procedures, and increased utilization of successful R & D efforts.

MISSISSIPPI

J.W. Lewis, State Director of Vocational Education
James F. Shill, State RCU Director

PROJECTS COMPLETED:

1. Model R & D Information Dissemination Program, RCU/Mississippi State University
2. Industry Services Project (USOE), RCU/Mississippi State University
3. Evaluation of Northeast MS Career Opportunities Program, RCU/Mississippi State University
4. Evaluation of 6-Co. Career Ed Project, RCU/Mississippi State University
5. Vocational Administrator Competencies Assessment, University of Southern Mississippi
6. Vocational Administrator Competencies Assessment, RCU/Mississippi State University
7. Updating Competencies of DE Teachers in Utilizing Lab Equipment and Instructional Materials, RCU/Mississippi State University
8. Updating Competencies of Teachers to Improve Instruction in Industrial Arts, RCU/Mississippi State University
9. Familiarizing Counselors with Personnel Needs of Bus. and Industry, RCU/Mississippi State University
10. Updating Competency and Knowledge of Ag. Instructors in Selected Areas of the Ag Industry, RCU/Mississippi State University
11. Exemplary Project: Prevocational Programs for EMRs in MS, RCU/Mississippi State University
12. Exemplary Project: Demo. of Performance-Based Residential Electrical Wiring, Mississippi State University
13. Evaluation of V-TECS Catalog Utilization, University of Mississippi
14. MDTA-Job Accessibilty Research, RCU/Mississippi State University
15. Evaluation of Experienced Based Career Ed Program at Itawamba Jr. College, RCU/Mississippi State University

MISSISSIPPI

16. Dental Assisting Occupational Survey w/Hinds Jr. College, RCU/Mississippi State University

17. Start-up Training Industry Services Project (Completed 8), RCU/Mississippi State University

18. Assessment of Preservice Teacher Education in MS (Voc-Ed), Mississippi State University

NEW PROJECTS FUNDED:

NONE

RESEARCH RELATED ACTIVITIES:

1. Contracting, evaluating, and monitoring funded research projects in Mississippi.

2. Assisting in implementation, development, and evaluation of career education in Mississippi.

3. Assisting in development of EPDA State Plan

4. Contracting and monitoring Program Inprovement funds under Section III of Vo-Ed Amendments of 1976.

5. Assist in research proposal development for local school systems, junior colleges, and universities.

PROJECTS AND ACTIVITIES PLANNED:

NONE

MISSOURI

B. W. Robinson, State Director of Vocational Education
Frank Drake, State RCU Director

PROJECTS COMPLETED:

1. Selection of Instructional Content for Graphic Arts Education for the Secondary Schools of Missouri as Agreed Upon by Industrial Leaders and Educators, Central Missouri State University

2. A Study to Determine the Certification Standards Required for Local Administrators of Vocational Education, University of Missouri - Columbus

3. Second Year Study of the In-Service Education Model for the Dissemination and Utilization of Career Information in the Elementary Schools Through Career Clusters, Central Missouri State University

4. A Cooperative Project to Determine the Feasibility of Developing and Testing a Statewide Job Development and Placement Model for Secondary and Post-secondary Vocational-Technical Students in Selected Areas of Missouri, State Fair Community College

5. Printing and Dissemination of the Meaning and Value of Work, Job Satisfaction and Productivity as Perceived by Vocational Education Graduates and Teachers, University of Missouri - Columbia

6. A Comparison of Instructional Approaches to Teaching the International System of Weights and Measures to Elementary School Children with Varying Mental Ability, W. A. Downs Central Missouri State University

7. DEDEX - A Systematic and Comprehensive Filing System for Distributive Education, University of Missouri - Columbia

8. Preparation and Testing of Career Education Modules for Teacher and Counselor Education, University of Missouri - Columbia

9. Leadership Role of the Local Directors Association in the Total Vocational Program, Pike R-III Schools

10. Development and Application of an Evaluation Model for Use With Individual Instructional Programs in Vocational-Technical Education, State Fair Community College

11. Development of a Performance-Based Model to Evaluate Competencies in Analysis Techniques, Selection and Organization of

Subject Matter and Teaching Methodology for Industrial Subjects, University of Missouri - Columbia

12. Competency Identification for Mid-Management Personnel - An Aid to Program Evaluation and Individualized Instruction, Northeast Missouri State University

13. A Study of the Effectiveness of Mobile Teaching Education Units as Related to the Development and Implementation of a Model Consumer Education Mobile Unit, Florissant Valley Community College

14. Printing of Career Education Modules for Teacher and Counselor Education, University of Missouri - Columbia

15. Field Validation of the Career Education Curriculum Project Modules: Phase I - K-6 Curriculum, University of Missouri - Columbia

16. The Effectiveness of a Home Maintenance and Repair Curriculum Guide in the Teaching of Career Concepts in the Secondary Schools of Missouri, Southwest Missouri State University

17. Community Needs Assessment Survey of Columbia, Missouri, Columbia Area Vocational School

18. A Follow-Up Study: Counselor Education Program at Central Missouri State University, Central Missouri State University

19. Preparation of a Sound-On Slide Tape as a Media for Effectively Communicating Career Information and Opportunities Available at the Two Vocational-Technical Schools of St. Louis County,

20. Adaptation and Utilization of Individualized Materials in Basic Accounting Courses as a Complement to On-Going Accounting Programs, State Fair Community College

21. Utilization of Computer Generated Problems in Basic Accounting Courses State Fair Community College

22. Evaluation Hotel-Restaurant Graduates, Forest Park Community College

23. Staff Development: Occupational & Career Programs, Forest Park Community College

24. Volunteer Corps in Career Areas, Forest Park Community College

25. A Model Plan for Effective Articulation Among High School and

Postsecondary Institutions Offering Vocational Programs, Florissant Valley Community College

26. The Development of Handbooks on the Student Teaching Practicum for a Vocational Program in Child Care Services, Florissant Valley Community College

27. Development of a Work-Study Lab to Facilitate Open Entry and Open Exit in the Graphics Department of the Engineeering Division at Florissant Valley Community College, Florissant Valley Community College

28. A Proposal for the Redesign of an Existing Course in the Environmental Technology Career Program to Provide an Additional Marketable Skill, Meramec Community College

29. An Investigation of the Relationship Between Self-Concept, Clothing Attitudes and Practices of Physically Handicapped and Normal University Men and Women, University of Missouri - Columbia

30. Work Attitudes and Occupational Aspirations of Missouri High School Home Economics Students, University of Missouri - Columbia

31. Computer Program to Generate Multiple Forms of Objective Tests, Forest Park Community College

32. A Proposal to Provide a Curriculum Development Workshop for Vocational-Technical Faculty, State Fair Community College

33. Assessment of Consumer Education Status and Needs of Consumer Educators in Missouri Schools, University of Missouri - Columbia

34. Determining the Educational Needs of Northwest Missouri Young Farmers, Trenton Junior College

NEW PROJECTS FUNDED:

1. The Effectiveness of a Home Maintenance and Repair Curriculum Guide in the Teaching of Career Concepts in the Secondary Schools of Missouri, Southwest Missouri State University

2. A Project to Develop and Test Occupational Experience Training Outlines for the 20-25 Most Common Careers Obtained by Graduates of Postsecondary Agri-Business Programs in Missouri, State Fair Community College

3. Identification, Selection, and Measurement of Adaptive Work Skills in Missouri's Vocational Education Programs, Univessity of Missouri - Columbia

MISSOURI

4. Procedures for Area Vocational School Student Selection, Cuba R-II

5. Development and Dissemination of an Individualized Curriculum Guide to Utilize the VICA Club Achievement Program as a Method of Instruction, University of Missouri - Columbia

6. Community Needs Assessment Survey, Columbia Area Vocational School

7. A Cooperative Project to Determine the Feasibility of Developing and Testing a Statewide Job Development and Placement Model for Secondary and Postsecondary Vocational-Technical Students in Selected Areas of Missouri, State Fair Community College

8. Computer Program to Generate Multiple Forms of Objective Tests, Forest Park Community College

9. A Project to Test the Use of the American College Testing (ACT) Program Educational Opportunity Service (EOS) as a Way to Recruit and Inform Individuals About Postsecondary Occupational Programs, State Fair Community College

10. A Proposal to Provide a Curriculum Development Workshop for Vocational-Technical Faculty, State Fair Community College

11. Assessment of Consumer Education Status and Needs of Consumer Educators in Missouri Schools, University of Missouri - Columbia

12. Determining the Educational Needs of Northwest Missouri Young Farmers, Trenton Junior College

13. Field Validation of the Career Education Curriculum Project Modules: Phase II K-6 Field Validation; 7-12 Instrument Development, University of Missouri - Columbia

RESEARCH RELATED ACTIVITIES:

1. Conducted information retrieval and dissemination activities including a total of 899 searches resulting in the distribution of 2,157 microfiche.

2. Provided consultative assistance in carrying out project proposals.

3. Conducted eight MOTIS orientation workshops at various locations across the state.

4. Distributed and reported on the 120-day follow-up study of

vocational technical students completing occupational training programs within the state.

5. Collected enrollments and completion reports from all reimbursable vocational programs in Missouri.

6. Coordinated the MOTIS activities with the contracted agencies of the University of Missouri. These are the Statewide Testing Service, the Public Affairs Information Service (PAIS), and the Human Resources Research Program.

7. Developed computer programs for the dissemination of MOTIS materials to meet various request both in the vocational-technical division and in the local education agencies.

8. Coordinated, distributed, and collected the SAC-1's and SAC-CS's with approximately 450 school districts, state institutions, junior colleges, colleges, and universities.

PROJECTS AND ACTIVITIES PLANNED:

1. Continued activities in the information retieval and dissemination.

2. Monitor approved research projects.

3. Review Level I and Level II research proposals to determine those which are to be approved.

4. Continue the development and implementation of materials and procedures for the Missouri Occupational Training Information System.

MONTANA

Gordon Warner, State Director of Vocational Education
Albert R. Wright, State RCU Director

NO REPORT RECEIVED

NEBRASKA

Glen H. Strain, State Director of Vocational Education
Elton B. Mendenhall, State RCU Director

PROJECTS COMPLETED:

1. Occupational Opportunities in Nebraska, 1977 Report, University of Nebraska, Lincoln

2. A Study to Determine the Purposes of the Teaching Competencies Through Occupational Experience for Distributive and Business Education Teachers, University of Nebraska

3. A Determination and Validation of Economic Competencies Required of Persons Working in the Distributive Occupations, Univeristy of Nebraska

NEW PROJECTS FUNDED:

1. Evaluation of Vocational Home Economics Programs in Terms of Competencies Needed to Function Effectively as a Homemaker and/or Homemaker and Wage Earner, Kearney State College

2. Occupational Opportunities in Nebraska, 1978 Report, University of Nebraska, Lincoln

3. A Feasibility Study - Cooperative Vocational Education for Schools in Education Service Unit No. 2, Educational Services Unit #2, Fremont, Nebraska

RESEARCH RELATED ACTIVITIES:

1. Assisted in the development, review and monitoring of three new research projects and five new exemplary projects

2. Completed pilot test of the Nebraska Vocational Information System project and recommended revision of system design

3. Conducted research under Part C USOE Grant, titled Personnel Development for Entrepreneurs

4. Revised and developed MBO statements for aligning RCU activities with the Division of Vocational Education goals and objectives

5. Developed a project for the design of a needle-sort career counseling and information system titled, Nebraska Career Information System (NCIS)

6. Participated in project review and evaluation activities of vocational research and exemplary projects for the Regional USOE in Kansas City

7. Participated in programs of Annual Conferences for Vocational Education in Nebraska

8. Assisted Local Education Agencies in program planning, facilities inventory, and evaluation

9. Participated in the review and planning activities for the Nebraska State Plan for Administration of Vocational Education, and prepared portions of Subpart 3, Program Improvement and Supportive Services

10. Conducted planning activities for the Division of Vocational Education Annual Staff Retreat

11. Prepared annual report of Occupational Opportunities in Nebraska

12. Surveyed Nebraska teachers and administrators to identify problems in Vocational Education

13. Prepared documentation for Compliance Audit of 1968 Vocational Amendments regarding research and exemplary funds

14. The RCU served 374 persons visiting the Learning Resource Library with special requests, checked out 543 documents, and disseminated 4,090 documents to vocational teachers, counselors, and administrators

PROJECTS AND ACTIVITIES PLANNED:

1. Development and documentation guidelines and procedures for contracts and proposals under new vocational legislation

2. Coordination and planning for Subpart 3 priorities

3. Technical assistance to the development and implementation of an operable State Occupational Information Coordinating Committee

4. Installation, pilot, and revision of the Nebraska Career Information System for vocational guidance

5. Assisting local education agencies in program planning and assessment

NEVADA

R. Courtney Riley, State Director of Vocational Education
Len L. Trout, State RCU Director

PROJECTS COMPLETED:

NONE

NEW PROJECTS FUNDED:

NONE

RESEARCH RELATED ACTIVITIES:

1. Library staff have completely reclassified the vocational collection of the REPC/RCU literature.

2. RCU responded to 11 requests for computerized literature searches.

3. The Report was distributed nationally to vocational education legislators, USOE personnel, State directors and RCU directors.

4. Conferences and Workshops Attended:

a. The RCU met on demand with the State Director for Vocational Education, the Office of Accountability cousultants, other members of the Nevada Department of Education, the State Advisory Council for Vocational-Technical Education, and local district administrators and teachers. Specific requests for meeting with the State Board for Vocational Education and local school district Boards of Trustees were met by RCU staff.

b. The RCU Director participated in and served on committees preparing the Five Year Plan for Vocational Education and the State Plan for Vocational Education.

c. The RCU Director and staff attended 17 meetings as requested and/or approved by the State Director.

d. The State Director also requested and approved attendance of State Department personnel and consultants at different conferences and workshops which contributed to the effectiveness of vocational education in Nevada.

e. It is noted that the Director, Nevada RCU, received no additional compensation for his RCU activities other than his regular university salary. The RCU provided compensation for clerical and other professional services.

PROJECTS AND ACTIVITIES PLANNED:

NONE

NEW HAMPSHIRE

Duane I. Pierce, State Director of Vocation Education
Lila Murphy, State RCU Director

PROJECTS COMPLETED:

1. New Hampshire Model for Vocational Guidance, Counseling, Placement and Follow-up Services, Keene State College
2. Work-Study Experience for Selected Students in the Field of Health Occupations, Lin-Wood School District
3. Individaulized Instructional Program in Power Mechanics, Plymouth School District
4. Development of Solar Energy Units for Incorporation in a Building Trades Program, Somersworth School District
5. Microbiology Modules for Vocational Education Programs, NHVTC - Berlin
6. Career Education Program for Four North Country Districts, North Country Education Services
7. An Agricultural Work-Study Career Education Program for Disadvantaged Urban Youth, University of New Hampshire
8. A Model for Linking a Vocational Area, Concord School District
9. Preparation for Solar/Wind Building Construction Project, Con-Val School District
10. Vocational Diffusion Assistance Project, New Hampshire Educational Facilitator Center - Concord
11. Employer Evaluation Practices and the Impact on Vocational Programs, Keene State College
12. Human Relations and Work Skills as Related to the World of Work (Building Construction Program), Exeter School District
13. Operation Information, Newmarket School District
14. A Model for Effective Enrollment of Students in Vocational Centers, Monadnock Regional School District
15. Vocational Radio Station, White Mountains Reg. HS
16. Occupational Information and Guidance for Disadvantaged

NEW HAMPSHIRE

and Handicapped Vocational Students, Seacoast Educational Services Somersworth

NEW PROJECTS FUNDED:

1. An Agricultural Work-Study Career Education Program for Disadvantaged Urban Youth (3rd Year), University of New Hampshire

2. Alternative Approaches to Individualization in Vocational Education (2nd year), Keene State College

3. Spin-off project "Articulation of Secondary and Post-Secondary Programs", Keene State College

4. Development of an Occupational Education Resource Center (Continuing Project), University of New Hampshire

RESEARCH RELATED ACTIVITIES:

1. The New Hampshire Model for Vocational Guidance, Counseling, Placement and Follow-up Services project produced a handbook which was distributed on a national basis.

2. A matrix for identification of traditional and individualized instruction has been developed and is being reviewed by a panel of experts.

3. Design of a simplified approach to state evaluation of local programs, especially in small states.

4. Identification of evaluation practices used by employers to provide feedback to local programs.

5. Developed the five-year state plan for vocational education and all information relative to the new federal legislation.

PROJECTS AND ACTIVITIES PLANNED:

1. Test the program evaluation system at the local level.

2. Develop new annual plan and accountability report.

3. Expand dissemination efforts, including the operation of two resource centers.

4. Assist staff in implementing new legislation.

NEW JERSEY

William Wenzel, State Director of Vocational Education
Joseph F. Kelly, State RCU Director

PROJECTS COMPLETED:

1. Computerization of Apprenticeship Data, Bergen Co. AVTS
2. College Entrance Examination Board, College Entrance Examination Board
3. Occupational Resource Center, Edison Township
4. Internship Program, Edison Township
5. Curriculum Laboratory, Rutgers University
6. Curriculum Laboratory, Rutgers University
7. Management Information System, Asbury Park
8. Automated Work Station, Asbury Park
9. National Network Automated, Asbury Park
10. Apprentice File Development, Asbury Park
11. Occupational Resource Compendium, Asbury Park
12. Introduction to Vocations Evaluation, Mt. Olive
13. Vocational Teacher Survey, Ocean Co. AVTS
14. Teacher In-Service, Ocean Co. AVTS
15. Career Education Assessment, Wayne Township
16. Comprehensive Special Needs Facilities, Union Co. AVTS
17. Curriculum Laboratory, Rutgers University
18. Occupational Resource Center, Edison Township
19. Historical Occupations Exhibit, So. Hunterdon Reg.
20. Career Development Project, Atlantic City
21. Technology for Children, Egg Harbor City, Estell Manor City, Folsom, Linwood, Mullica Township, Northfield, Somers Point

22. Career Development Project, Pleasantville

23. Technology for Children, Dumont No. Valley Regional, Northvale, Ridgefield, Saddle Brook Township, Teaneck

24. Technology for Children, Burlington City, Burlington County, Special Services, Eastampton Township, Mount Holly, Westampton Township

25. Technology for Children, Audubon Park, Berlin Township, Camden City, Chesilhurst, Gloucester City, Gloucester Township

26. Technology for Children, Dennis Township, Ocean City

27. Technology for Children, Commercial Township, Deerfield Township Doone Township, Fairfield Township, Lawrence Township, Shiloh, Stow Creek Township

28. Career Development Project, Millville

29. Technology for Children, Belleville, Montclair, Newark, Orange, West Orange, Glassboro, Harrison Township, Washington Township

30. Technology for Children, Wenonah, Woodbury, Harrison, Hoboken

31. Technology for Children, Jersey City, Secaucus, Union City

32. Technology for Children, Bethlehen Township, Glen Gardner, Lebanon Township, Union Township

33. Career Development Project, Hunterdon Central

34. Technology for Children, East Windsor Regional, Princeton Regional, Washington Township

35. Technology for Children, East Brunswick, New Brunswick, Piscataway Township, So. Brunswick

36. Employment Orientation, New Brunswick

37. Career Development Project, Asbury Park

38. Technology for Children, Belmar, Brielle, Howell Township, Manasquan, Marlboro Township, Rumson

39. Career Development Project, Manasquan

40. Technology for Children, Hanover Towhship, Montville Township, Mount Olive Township, Roxbury Township

NEW JERSEY

41. Career Development Project, Parsippany-Troy Hills

42. Technology for Children, Eagleswood Township, Jackson Township, Lacey Township, Toms River, Regional Tuckerton

43. Technology for Children, Little Falls Township, Pompton Lakes, Wanaque, West Milford Township

44. Technology for Children, Elmer, Oldmans Township, Pittsgrove Township, Woodstown Pilesgrove Township

45. Technology for Children, Bridgewater-Raritan Regional, Franklin Township, Somerville

46. Employment Orientation, Somerville

47. Technology for Children, Green Township, Hopatcong, Newton, Stillwater Township

48. Career Development Project, Elizabeth

49. Technology for Children, Plainfield, Roselle

50. Career Development Project, Hackettstown

51. Technology for Children, Phillipsburg, White Township

52. Coupled Summer Work Study, Phillipsburg

RESEARCH RELATED ACTIVITIES:

1. Prepared numerous publications

2. Coordinated activities of the northeast network for curriculum coordination

3. Developed and published curriculum

4. Exhibited historic occupations display at 28 LEA locations

PROJECTS AND ACTIVITIES PLANNED:

1. Continue operation of the Occupational Resource Centers

2. Solicit proposals under the categories shown in Subpart 3 of P. L. 94-482

3. Continue conferences and workshops in information dissemination and curriculum development and diffusion

4. Continue Northeast Network curriculum coordination and national council activities

5. Continue and expand articulation between and among vocational-technical schools, their sending districts and community colleges

6. Provide the "Working With Energy" exhibit for week long visits to various lical school school districts and continue the "Historical Occupations" exhibit as requested

7. Plan, initiate and support research, evaluation, curriculum development, information dissemination and other innovative activities

NEW MEXICO

Wilma Ludwig, State Director of Vocational Education
Robert A. Labodda, State RCU Director

PROJECTS COMPLETED:

1. Vocational-Technical Information System, State Department of Education, Santa Fe

2. Century 21 Shorthand vs. Gregg Shorthand, New Mexico State University, Las Cruces

3. Innovative Information and Awareness Presentations, New Mexico Advisory Council on Vocational-Technical Education, Albuquerque

4. Cooperative Education at the Post-Secondary Level Eastern New Mexico University, Portales

5. Post-Secondary Guide for Business and Office Occupations Eastern New Mexico University, Portales

6. Data Processing Update for Vocational Business Teachers University of New Mexico, Albuquerque

7. Vocational Teacher Exchange Project Eastern New Mexico University, Portales

8. Vocational Instruction Delivery System, University of New Mexico, Albuquerque

9. Industrial Education Teacher Dissatisfaction, University of New Mexico, Albuquerque

NEW PROJECTS FUNDED:

1. A Competency-Based Teacher Education Program to Aid the First-Year Teacher of Vocational Agriculture in New Mexico, New Mexico State University, Las Cruces

2. Bilingual Skills Training Project, Northern New Mexico Community College, El Rito

3. A Proposal to Develop a Parenting Education Study Guide for School-Age Parents, New Futures, Inc., Albuquerque

4. Vocational Instruction Delivery: Educational Opportunity Series (VIDEOS), University of New Mexico, Albuquerque

NEW MEXICO

5. Public Guidance in Vocational Education University of New Mexico, Albuquerque

6. Four Upgrading Health Occupation Education Workshops University of New Mexico, Albuquerque

7. Teaching Power and Energy in Industrial Arts University of New Mexico, Albuquerque

8. Oil Industry, Solar Energy Industry, and Mining Office Occupations Eastern New Mexico University, Roswell

9. A Seminar in Use and Management of an Audio-Visual-Tutorial Laboratory, New Mexico State University, Las Cruces

10. Workshop: Counseling Techniques for Vocational Teachers, University of New Mexico, Albuquerque

11. Electronic Media Campaign to Reduce Vocational Sex Stereotyping, Albuquerque Technical-Vocational Institute, Albuquerque

12. Industrial Education Personnel Development for Secondary and Post-Secondary Schools, New Mexico Solar Energy Asoociation, Santa Fe

13. Survey and Cost Analysis of Selected Vocational Education Programs, New Mexico State University, Las Cruces

14. Audiovisual Aide Development, New Mexico State University, Carlsbad

RESEARCH RELATED ACTIVITIES:

1. Made presentations at the Eighth Annual Vocational Teachers' Conference

2. Printout of Fiscal Year 1976 data

3. Submitted abstracts and final reports on the Education Professions Development Act

4. Completed Systems Analyst's report on the Vocational-Technical Information System

5. Initiated the Request for Proposals (RFP) procedure for all special vocational education projects

6. Acted as clearinghouse for Metric Education and Vocational Bilingual Education

7. Published Annual Report for Vocational Education, Fiscal Year 1977
8. Compiled results of student-based follow-up
9. Monitored projects funded under Parts C, D, J, and the Education Professions Development Act
10. Published The Five-Year State Plan for Vocational Education, Fiscal Years 1978-82
11. Submitted Education Professions Development Act proposals to the Regional office
12. Provided technical assistance to local education agencies in proposal writing
13. Conducted teacher-based secondary follow-up
14. Conducted employer survey on post-secondary students
15. Attended the National Research Coordinating Units' Conference
16. Represented New Mexico at the Indian Education Conference (Denver)
17. Member of the Governor's High Impact Planners' meeting
18. Conducted Research Coordinating Unit's Advisory Committee meetings
19. Prepared the Research Coordinating Unit's budget
20. Member of the Regional Exchange Dissemination Project
21. Member of the Advisory Committee for the Career Enrichment Center
22. Attended a meeting sponsored by the National Center of Educational Statistics

PROJECTS AND ACTIVITIES PLANNED:

1. Update the State Plan for Vocational Education, Fiscal Year 1979
2. Publish the Annual Report for Vocational Education, Fiscal Year 1978
3. Initiate the Request for Proposals (RFP) process for all projects funded under Program Improvement and Supportive Services
4. Conduct secondary and post-secondary student follow-up

5. Conduct post-secondary employer survey
6. Finalize the operation of the Vocational-Technical Information System
7. Put the State Occupational Information Coordinating Committee (SOICC) into operation
8. Attend the National Conference of Research Coordinating Units
9. Submit abstracts and final reports for projects funded under program Improvement and Supportive Services
10. Establish procedures for sex bias madates
11. Appoint an advisory committee for sex bias
12. Conduct hearings on the State Plan for Vocational Education
13. Make presentations at the Ninth Annual Vocational Teachers' Conference
14. Provide vocational inservice training for guidance and counseling
15. Conduct workshops for vocational inservice training

NEW YORK

Robert S. Seckendorf, State Director of Vocational Education
Alan G. Robertson, State RCU Director

PROJECTS COMPLETED:

1. Annual Evaluative Report of "An Assessment of the Additional Appointment, State Aid Program for Occupational Education 1976"

2. Assessment of Activities of Regional Industry-Education Coordinators and Councils

3. Business Criteria for Entry Level Office Employees/Bureau of Business Education

4. Cost Benefit-Cost Analysis System for Cooperative Education

5. Effect of Industrial Arts Publishing Center Activities on Reading Achievement Sub-Test Scores in New York City

6. Identification of Competencies Needed for Occupational Education Administrators

7. Investigation to Discover Factors that may Affect Successful First Time Passage of the New York State Licensed Practical Nurse Examinations/Nursing Board

8. Mainstreaming the Handicapped in Occupational Education, CUNY Research and Development Center

9. Study of Effective management practices and relationships in Instructional Support System for Occupational Education-direct supervision

10. Apprenticeship Status Study Update, Department of Labor

NEW PROJECTS FUNDED:

1. Apprenticeship Related Instruction, Phase III, with the Bureau of Trade and Technical Education and New York State Department of Labor

2. Assessment of Activities of Regional Industry-Education Coordinators and Councils

3. A Comparative Study of student achievement in classes in auto mechanics using criterion referenced curriculum materials

NEW YORK

4. The Development of Program Evaluation Information Used and Needed in Federally Funded Vocational Education Programs in New York State

5. Evaluation of Adult Consumer Homemaking Workshops/Bureau of Home Economics Education

6. Identification of Competencies needed for Occupational Education Administrators

7. Mainstreaming the Handicapped in Occupational Education (Administrative Handbook) CUNY Research and Development Center

8. Placement and Employment of Mentally Retarded Youth who have High School Occupational Training, with CUNY Research and Development Center

9. Study of effective Management practices and relationships in Instructional Support System for Occupational Education

10. Study of Exemplary Practices in Occupational Education Articulation of students between high school and two-year colleges and other postsecondary institutions

11. A Study of Manpower Needs in Agriculture/Agribusiness, Department of Labor

12. A Study of the Evaluation of Manpower Training Projects through Benefit-Cost Analysis

13. Survey of Non-traditionally Certified Agriculture and Trade and Industrial Teachers Employment Performance

14. Technical assistance Public-Private Cosmetology Comparative cost and Licensure

RESEARCH RELATED ACTIVITIES:

1. Community Education-Evaluation Technical Assistance

2. Evaluation of funded Career Education Projects

3. Futurizing Business Education. Set up initial planning meeting Set study objectives, assist with implementation time line

4. Instructional Support System in Occupational Education

5. Metric Education Task Force

6. Monitor all BOER in-house and contractual projects in the office and field

7. National Assessment-Bilingual Education, Career Education Objectives-coordinated joint effort with CUNY Research and Development Center to develop tests in Spanish

8. New York City career training choice study. STOP is a system wide program for in-school youth focusing on entry into vocational programs as well as entry into the labor market

9. Process Evaluation: Community Education Needs Analysis

10. Publish RCU Newsletter

11. Review, abstract, catalogue publications received from out-of-state Review Commerce-Business Daily and Federal Register for research announcements; disseminate to Department staff

12. Review and implementation of Section 504-Disabled Americans Act

13. School Calendar Alternatives, Energy conservation and Potential Effects upon Occupational Education

14. Technical assistance, Community Education Workshop on Aging-Evaluation

15. Technical Assistance, Welfare Education Program/Adult Basic Education/English as a second language-Assist with collection and analysis of hard data from local sources

16. Welfare Education Program/Adult Basic Education/English as a second language, development of Classroom Observation Evaluation Form and FY77 Evaluation

17. Writing research design to develop Occupational Education Bilingual Education Curriculum Development Model, as a response to a Federal RFP. Chairing Department ad hoc advisory committee to CUNY Occupational Education Research and Development Center, submitter of the proposal. Proposed implementation model to use ISSOE approach

18. Wrote field design for Department-CUNY-Cornell Research and Development Consortium response to Federal RFP 77-87 to develop Occupational Educational Evaluation Models

19. Identify new priority research topics for development into projects

20. Youth Employment Act Task Force-Technical Services in Measurement and Evaluation

NEW YORK

PROJECTS AND ACTIVITIES PLANNED:

1. A Comparative Study of student achievement in classes in auto mechanics, using criterion referenced curriculum materials (Instructional Support System in Occupational Education)

2. Identification of Factors which either encourage or discourage Sex Stereotyped Enrollment in Secondary and Postsecondary Occupational Education Programs

3. Vocational Guidance for Occupational Education: A study of Effective Practices

NORTH CAROLINA

Charles J. Law, Jr., State Director of Vocational Education
Charles H. Rogers, State RCU Director

PROJECT COMPLETED:

1. A Feasibility Study for a Physician's Assistant Program, Pitt Technical Institute, Greenville

2. Preparing Technicians at Technical Institutes and Community Colleges for Assisting in the Teaching of Reading University of N.C., Greenville

3. A Consortium for Planning Local Production and Sharing of Instructional Education, N.C. Dept. of Community Colleges, Raleigh

NEW PROJECTS FUNDED:

1. Project PROBE (Preparing Regional Occupational Personnel)to Better Education, High Point City Schools, High Point

2. Implementation of Special Statewide Diffusion Tactics, Department of Public Instruction, Raleigh

3. Statewide Dissemination of Promising Occupational Education Products Developed Through Research and Development Programs, Department of Public Instruction, Raleigh

RESEARCH RELATED ACTIVITIES:

1. Conducted the third annual Occupational Education Research Conference

2. Completed an interim report on a study of the impact of ORU research on occupational practices in North Carolina

3. A staff member served on an USOE committee to react to national research priorities

4. A staff member served as chairperson of the Southwide Research Coordinating Council for Occupational Education

5. Assisted the Division of Occupational Education to develop its standard Program of Studies for Vocational Education in North Carolina

NORTH CAROLINA

PROJECTS AND ACTIVITIES PLANNED:

1. The development and installation of a new Program Improvement Program

2. Develop and field test a statewide student follow-up system for North Carolina

3. Develop and field test an evaluation and accountability model for North Carolina

4. Develop a model for generating and validating student competencies for vocational curricula

5. Validate vocational student competency instruments

NORTH DAKOTA

Carrol E. Burchinal, State Director of Vocational Education
Don Eshelby, State RCU Director

PROJECTS COMPLETED

1. Competency Based Curriculum Activities and Workshop for Distributive Education, University of North Dakota
2. Occupational Home Economics for Students of Special Needs, Minot Public Schools
3. Post-Secondary Distributive Education CORE Program, University of North Dakota
4. A Proposal to Determine the Needs of Non-Hearing Individuals in Regular Vocational Courses, Lake Area Vocational Center Devils Lake
5. Power and Energy Systems Technology Program, Bismarck Junior College
6. Personal, Home and Family Education Program, West Fargo Middle School
7. Tape/Slide Presentation in Vocational Career Areas, North Dakota State School of Science, Wahpeton
8. Industrial Arts Curriculum Guide, University of North Dakota
9. Competency Base Curriculum Writers Workshop, University of North Dakota
10. A Proposal to Develop Instructional Materials for Industrial Arts Programs in North Dakota, Industrial Technical Department
11. Mobile Instructional Classrooms for Vocational Education in Rural Areas, Elgin Public School
12. Selected Film Bibliography for Graphic Communications Cluster, Valley City State College
13. Assessment of North Dakota Vocational Center Programs, University of North Dakota
14. A Model Instrument for Developing a Local Plan for Vocational Education, Fargo Public Schools
15. Snowmobile Repair and Servicing Audio Visual Development, North Dakota State Industrial School

NORTH DAKOTA

16. Model Articulated Counseling System, Lake Region Junior College, Devils Lake

17. Counseling and Placement Program, Grand Forks

NEW PROJECTS FUNDED:

1. Competency-Based Curriculum Activities and Workshop for Distributive Education, University of North Dakota

2. Occupational Home Economics for Students of Special Needs, Minot Public Schools

3. Development of a Small Business Management Program for North Dakota Secondary Schools, Lake Region Junior College

4. Mobile Instructional Classrooms for Vocational Education in Rural Areas, Elgin Public School

5. Industrial Arts Curriculum Guide, University of North Dakota

6. Post-Secondary Distributive Education CORE Curriculum, University of North Dakota

7. Competency-Based Curriculum Writers Workshop, University of North Dakota

8. A Proposal to Determine the Needs of Non-Hearing Individuals in Regular Vocational Courses, Lake Area Vocational Center, Devils Lake

9. Selected Film Bibliography for Graphic Communications Cluster, Valley City State College

10. North Dakota State Manpower Needs Survey - A Consortium Approach, North Dakota Employment Security Bureau

11. Assessment of North Dakota Vocational Center Programs, University of North Dakota

12. A Model Instrument for Developing a Local Plan for Vocational Education, Fargo Public Schools

13. Snowmobile Repair and Servicing Audio Visual Development, North Dakota State Industrial School

14. Power and Energy Systems Technology Program, Bismarck Junior College

NORTH DAKOTA

15. Personal, Home and Family Education Program, West Fargo Middle School

16. Tape/Slide Presentation for Vocational Career Areas, North Dakota State School of Science

17. A Proposal to Develop Instructional Materials for Industrial Arts Education Programs in North Dakota, Industrial Technical Department

RESEARCH RELATED ACTIVITIES:

NONE

PROJECTS AND ACTIVITIES PLANNED:

NONE

OHIO

Byrl R. Shoemaker, State Director of Vocational Education
R.D. Balthaser, State RCU Director

PROJECTS COMPLETED:

1. Occupational Analysis for Five Occupations, Ohio State University, Columbus
2. Higher Education Center Development for Career Education, State Department of Education, Columbus
3. Continuing Commissioner "I" Transportation Curriculum Project (Phase II), State Department of Education
4. Ohio Career Development for 32 School Districts Career Development Staff Continuation, State Department of Education, Columbus
5. All Ohio Vocational Youth Camp, FFA Camp Muskingum, Carrollton
6. Career Development Project, Akron City Schools
7. Career Development Project, Benton-Carroll-Salem Local Schools
8. Career Development Project, Boardman Local Schools
9. Career Development Project, Canton Local Schools
10. Career Development Project, Carlisle Local Schools
11. Career Development Project, Cincinnati City Schools
12. Career Development Project, Clear Fork Valley Local Schools
13. Career Development Project, Cleveland City Schools
14. Career Development Project, Cleveland Heights-University Heights City Schools
15. Career Development Project, Columbus City Schools
16. Career Development Project, Dayton City Schools
17. Career Development Project, Defiance City Schools
18. Career Development Project, East Muskingum Local Schools
19. Career Development Project, Geneva Area City Schools

20. Career Development Project, Kirtland Local Schools

21. Career Development Project, Lorain City Schools

22. Career Development Project, Mad River-Green Local Schools

23. Career Development Project, Mansfield City Schools

24. Career Development Project, Medina City Schools

25. Career Development Project, Minford Local Schools

26. Career Development Project, Orrville City Schools

27. Career Development Project, Paint Valley Local Schools

28. Career Development Project, Parma City Schools

29. Career Development Project, Princeton City Schools

30. Career Development Project, Scioto-Darby City Schools

31. Career Development Project, South-Western City Schools

32. Career Development Project, Springfield City Schools

33. Career Development Project, Stow City Schools

34. Career Development Project, Toledo City Schools

35. Career Development Project, Warren City Schools

36. Career Development Project, Willoughby-Eastlake City Schools

37. Career Development Project, Youngstown City Schools

38. Continuing Conducting the Feasibility of Five-Year Follow-Up Study Utilizing IRS Information, Institute for Research Studies, Athens

39. Ohio Cost Benefit Studies, Institute for Research Studies, Athens

40. Developmental Study and Application of Adding Practice to Preparation of Technicians, Stark Technical College, Canton

41. Linking Secondary and Adult Vocational Education Performance Objectives with Those Required by Industry, Akron City Board of Education

42. Performance Based Teacher Education In-Service Application, Upper Valley JVS

43. Conceptualization of a Practical Arts Program Content for Junior High and Middle School, The Ohio State University, Columbus

RESEARCH RELATED ACTIVITIES:

1. Automation of Accounting System for interface with Reporting System - moving to budget integration

2. Program Review for the Improvement, Development and Expansion of Vocational Education and Guidance (PRIDE) -- third year of recycle with 20 Vocational Education Planning Districts including continued Cost Analysis

3. Providing statistical and fiscal system for management activities of staff including: Labor market forecasting system, MBO forecasting system based on LEA reporting and feed back to LEA

4. Began conversion of computer system to remote operated, disc oriented, and real-time operations

PROJECTS AND ACTIVITIES PLANNED:

NONE

OKLAHOMA

Francis T. Tuttle, State Director of Vocational Education
William D. Frazier, State RCU Director

PROJECTS COMPLETED:

1. Practical Nursing Graduates - Five Years After Graduation, Oklahoma RCU
2. The Demand For and Supply of Vocational and Technical Teachers in Oklahoma: 1978-1982, Oklahoma RCU
3. The Effectiveness of the Oklahoma State Department of Vocational Technical Education Mobile Computer Graphics Lab; Oklahoma RCU
4. Parallel Follow-up, 1976, Oklahoma RCU
5. Comprehensive Follow-up of Health Services Careers Graduates, Oklahoma RCU
6. Part-Time Adult Follow-up, Oklahoma RCU
7. A Pilot Program: Computer Assisted Placement, Oklahoma RCU
8. The Demand for and Supply of Vocational and Technical Education Teachers in Oklahoma: 1978-1982, Oklahoma RCU
9. Student and Employer Evaluation, Oklahoma RCU
10. A Nine-Year Follow-up Study of High School Vocational and Non-Vocational Graduates in Oklahoma, Oklahoma RCU

NEW PROJECTS FUNDED:

1. Validation of Home Economics I and Agricultural Mechanics I Curriculum Materials
2. A Field Test Evaluation of the Oklahoma Child Development Curriculum Manual
3. An Evaluation of the Usefulness of Regional Administrators

RESEARCH RELATED ACTIVITIES:

1. On advisory councils for development of Oklahoma state plan for Career Education and the Commissioner's EBCE project

2. Reviewed on a daily basis the Federal Register and the Commerce Business Daily and made appropriate referrals from them

3. Performed statistical analyses for two area school (non-funded) research projects

4. Published 3 issues of "VEIN" circulated to over 2100 vocational teachers in Oklahoma

5. Published numerous flyers of ERIC abstracts, ran numerous computer searches of the ERIC literature, and furnished copies of ERIC microfiche to local college and public school vocational educators

6. Developed the five-year state plan in rough form

7. Developed a comprehensive plan for vocational education of the public school urban systems of Oklahoma City and Tulsa

8. Consulted with LEAs on local planning and Management by Objectives

9. Developed the accreditation process for fulltime adult vocational programs

10. Evaluated 74 vocational programs in 46 LEAs. Coordinated Evaluation and accreditation of 3 area schools

11. Published OTIS, Cycle IX

12. Assisted with development of a needle-scort system for use in accessing VIEW and other guidance information

PROJECTS AND ACTIVITIES PLANNED:

1. Major emphasis for FY 1978, and for a number of years, will be in the field testing and validation of vocational curriculum materials developed by the Oklahoma Curriculum Center. Research projects will relate to the validation of specific curriculum materials as yet to be identified

2. We plan also to test a variety of individualized instructional materials for use with specific audience groups

3. A continued effort will be in dissemination of research information to constituents in the LEAs in Oklahoma

OREGON

Monty Multanen, State Director of Vocational Education
Eugene Vinarski, State RCU Director

PROJECTS COMPLETED:

1. Models for the Use of a Data Base in Planning State and Local Vocational Programs, State Department of Education

2. A Review of Vocational Research and Exemplary Projects, Oregon State University

3. To Further Develop and Disseminate Products of the Career Exploratory Program for Vale Middle School, Vale Elementary School

4. Catalyst for Career Choice, Portland Public SD I

5. Methodology for the Evaluation of Career Decision-Making Skills in Rural Schools, Malheur Co. IED

6. Technical Assistance with the Use of Student Outcomes in the Evaluation of Occupational Exploration Programs, Oregon State University

7. Refine and Field Test Models for the Use of a Data Base in Planning State and Local Vocational Education Programs at the Secondary Level, Portland Public SD I

8. Research on the Utilization of Oregon Department of Education Materials in Approved Vocational Programs in Linn, Benton, and Lincoln Counties, Linn-Benton Co IED

9. A Unified Approach to Career Guidance Program Development in Secondary Schools, Portland Public SD I

10. Teacher Assistant Training Project--Phase II, Clackamas CC

11. High School-Community College Joint Career Placement Program, Linn-Benton CC

12. Updating Promising Practices in Oregon Career and Vocational Education, Oregon State University

13. Career/Vocational Guidance Program, Portland Public SD I

14. To Develop a Model Comprehensive Career Exploration Program, Oregon City Public SD

15. To Provide CIS Programs and Service to 13 Oregon Community Colleges, Career Information System (University of Oregon)

16. K-8 Career Awareness/Exploration Curriculum Materials, Marion CO.IED

OREGON

NEW PROJECTS FUNDED:

1. Model Program for Surveying Employers of Automotive Technology Graduates, Chemeketa CC

2. Increasing Career Awareness and Exploration for Adults Making Career Decisions, Lane CC

3. Utilizing Parent and Community Resources, Lane Co. IED

4. Model Exploratory Work-Experience Program for Grades 7-12, Lincoln Co. Public SD

5. Research on the Utilization of Oregon Department of Education Materials in Approved Vocational Programs in Linn, Benton, and Lincoln Counties, Linn-Benton Co. IED

6. Career Awareness Community Resource Project, Marion Co. IED

7. Career Awareness in Oregon Slide/Tape Presentation, Marion Co. IED

8. Career Education/Language Arts Infusion Project, Marion Co. IED

9. Development of Model Work Experience Program for Grades 7-12, Scio Public SD

10. Refine and Field Test Models for the Use of a Data Base in Planning State and Local Vocational Education Programs at the Secondary Level, Portland Public SD 1

11. A Proposal for Community College Follow-up Pilot Project, Lane CC

12. Model for Disseminating Promising Practices to Oregon Schools, Linn-Benton IED

13. A Suggested Research and Development Project Designed to Improve the Technical Competencies of Vocational Teachers, Oregon State University

14. Career Exploration Work Experiences, Parkrose Public SD

15. Updating Promising Practices in Oregon Career and Vocational Education, Oregon State University

16. Springfield Model Career Guidance Program, Springfield Public SD

17. A Model Community College Career-Life Planning Guidance Program, Mt. Hood CC

OREGON

18. A Unified Approach to Career Guidance and Counseling and Program Development in Secondary Schoold - Phase II, Portland Public SD

19. Do Develop a Music Careers Quest Form, Clackamas Co. IED

RESEARCH RELATED ACTIVITIES:

1. Completed two summary of findings reports which pertain to our statewide student follow-up system. The system provides information on 1975-76 graduates and early leavers at the high school and community college levels.

2. Reactions and recommendations from a review of the sampling techniques utilized in our one-year statewide community college student follow-up system

3. Results from a detailed survey of our one-year-out statewide community college follow-up program which focused on suggestions for improving the program

4. A final status report on the "Models for the Use of a Data Base in Planning State and Local Vocational Programs" project. This summarizes the implementation and closure of the Part "C" Commissioner's project

5. Completed a summary report on the Oregon Career Education Document System

PROJECTS AND ACTIVITIES PLANNED:

1. A pilot project will be funded to revise the existing statewide community college student follow-up system. Major emphasis will be placed on new federal vocational legislation requirements, recommendations and results from above identified reviews and surveys

2. Statewide plans for employer follow-up activities will be developed. These will be coupled with the present ongoing research project entitled, "Model Program for Surveying Employers of Automotive Technology Graduates"

3. A major long-range goal of our Program Planning and Evaluation Unit is to implement a statewide, five-year-out high school student follow-up system to begin in 1978-79

PENNSYLVANIA

John W. Struck, State Director of Vocational Education
Carroll A. Curtis, State RCU Director

PROJECTS COMPLETED:

1. Food Service Curriculum Validation Project, The Pennsylvania State University
2. Eradicating Sexism in Vocational Education, Williamsport Area Community College
3. Instructional Development: Service and Operation of Heavy Construction Equipment Program, Williamsport Area Community College
4. Home Health Management Aide, Mifflinburg Area School District
5. Student Maturity Using a Vocational Information Delivery System, Moon Area School District
6. Vocational Determination Process through School, Industry and Community Involvement, Central Columbia School District
7. 1974-76 Follow-Up of the Physically Handicapped in Pennsylvania, Venango County AVTS
8. AVTS Employer Follow-Up Study, Lehigh University
9. Evaluation of Funded Projects for Development of Vocational Instructional Materials, The Pennsylvania State University
10. Identifying Competencies Needed to Train Vocational Teachers to Teach Disadvantaged Students, The Pennsylvania State University
11. Determining the Feasibility and Acceptability of the Cluster Concept as a Modification of Existing Curriculum in a Comprehensive AVTS, Greater Johnstown AVTS
12. A Work Experience Video-Tape Satellite Project for EMR Students, Hempfield School District
13. Mainstreaming Special Needs Students, Venango County AVTS
14. Feasibility Study of Whether to Implement a Sawmilling and Woodhandling Program at WACC, Williamsport Area Community College
15. A Vocational Classroom Teacher's "Hands-On" Instrument to Measure Entry and Exit Skills of the Special Education Student for Specific Occupations (Continuation), University of Pittsburgh

PENNSYLVANIA

16. An Investigation of Job Opportunities and Job Requirements for Medical Secretaries, Riverside School District

17. An Analysis of the Administrative Structure and Styles of Operation of Directors of Occupational Education in Public Community Colleges, Williamsport Area Community College

18. Prevocational Exploratory Program, Jewish Employment and Vocational Service

19. Design of a Decision Model for Adjusting Curricula, Facilities and Personnel, School District of Philadelphia

20. The Development of Task Sheets for Competency-Based Education in Sawmilling, The Pennsylvania State University

21. Vocational Leadership Behavior Effectiveness, Conrad Weiser Area School District

22. The Identification of a Universal Systems Approach Method for Designing Vocational Education Individualized Instructional Material Materials, Temple University

23. Course of Study Project, The Pennsylvania State University

24. Bicycle Repair, Berks AVTS-West

25. Petroleum Production, Bradford Area School District

26. Project Phoenix: Community-Based Action Learning, North Hills School District

27. Creating a Career, Hopewell Area School District

28. CSIU Career Education Institute, Gentral Susquehanna I.U. #16

29. Job Placement Center, Allegheny I.U. #3

30. Agricultural Products, Solanco School District

31. Farm Management Analysis Education Institute, Lancaster County AVTS-Willow Street

32. Pre- and Post-Vocational Evaluation Program, Grove City Area School District

33. Home Health Management Assistant, Schuylkill County AVTS

34. Vocational Exploration: A Developmental Approach for Hunior High School, Dallas School District

PENNSYLVANIA

35. A Career Approach to Natural Resource Management to Wildlife and Recreation, Conrad Weiser Area School District

36. Teacher Attitude Change, Erie County AVTS

37. Schuylkill Occupational Career Education Program, Schuylkill I.U. #29

38. Curriculum Pilot in Agriculture Supplies, Waynesboro Area School District

39. Pilot Metric Program, Central Westmoreland AVTS

40. Facilitating Metric Instruction to Teacher and Student through the Use of Developed Instructional Packages, Lehigh County AVTS

41. Metrics Training Workshops for Vocational Education, Millersville State College

42. Phase I of an Industrial Arts Curriculum Development for Vocational and Prevocational Education, Altoona Area School District

43. Teacher In-Service Workshop for Metric Measurement, Lancaster County AVTS

44. Teacher In-Service Workshop for Metric Measurement, Centre County AVTS

45. Teacher In-Service Workshop for Metric Measurement, Clearfield County AVTS

46. Metric In-Service Workshop, School District of Pittsburgh

47. Teacher In-Service Workshop for Metric Measurement, North Fayette AVTS

48. Teacher Workshop for Metric Measurement, SUN AVTS

49. Teacher In-Service Workshop for Metric Measurement, Bethlehem AVTS

50. Teacher In-Service Workshop for Metrics, Juniata-Mifflin County AVTS

51. Teacher In-Service Workshop for Metric Measurement, Bradford County AVTS

52. Teacher In-Service Workshop for Metric Measurement, Erie County AVTS

53. Metric In-Service, North Montco AVTS

PENNSYLVANIA

54. Metric Measurement Workshop, West Side AVTS

55. Teacher In-Service Metric Measurement Workshop, Reading-Muhlenberg AVTS

56. Teacher In-Service Workshop for Metric Measurement, Carbon County ACTS

57. Teacher In-Service Workshop for Metric Measurement, Mercer County AVTS

58. Teacher In-Service Workshop for Metric Measurement, Lawrence County AVTS

59. Teacher In-Service Workshop for Metric Measurement, Parkway West AVTS

60. Metric Measurement Package, Delaware County I.U. #25

61. Teacher In-Service Workshop - Metric Measure, Crawford County AVTS

62. Metric In-Service Workshop, Monroe County AVTS

63. Teacher In-Service Workshop for Metric Measurement, Wilkes-Barre AVTS

64. Metric Workshop, Tioga County AVTS

65. In-Service Program for Metric Measure, Williamsport Area Community College

66. Development of Metric Instructional Program, Lebanon County AVTS

67. Metric In-Service, Central Montgomery County AVTS

NEW PROJECTS FUNDED:

NONE

RESEARCH RELATED ACTIVITIES:

1. Established Pennsylvania's priorities for research and development activities in vocational education

2. Drafted a comprehensive plan for program improvement

3. Maintained a management system for processing, monitoring and evaluating research and development projects

4. Participated on research and curriculum advisory committees

5. Performed a facilitative role in assisting LEAs to apply for U. S. Commissioner's funds in research and bilingual categories

6. Served on a USOE evaluation team for reviewing U. S. Commissioner's share of Part D funded projects

7. Provided a staff person on the task force that prepared the State Plan for Vocational Education

8. Assisted with application of a means of allocating CETA funds

9. Presentations were made at numerous local, state and national meetings

10. Participated on V-TECS board of directors

11. Participated on the corrections education advisory committee

12. Developed a vocational curriculum product assessment instrument

13. Developed an evaluation instrument for final reports submitted to the RCU

14. Assisted in disseminating labor market information for vocational education program planning

PROJECTS AND ACTIVITIES PLANNED:

1. Continue research, exemplary and curriculum project management including priority identification, reviewing and processing of proposals and the monitoring of funded activities

2. Continue to provide assistance for and reactions to the preparation and evaluation of the State Plan for Vocational Education

3. Reestablish the vocational curriculum advisory committee

4. Continue involvement with the states occupational education task force.

5. Continue liaison with USOE, curriculum consortia, the national center and other RCU directors

6. Revise comprehensive plans for program improvement to concur with new priorities and available resources

7. Manage the statewide effort to diffuse V-TECS materials

8. Continue to diffuse metrics materials to vocational teachers throughout the state

RHODE ISLAND

Frank M. Santoro, State Director of Vocational Education
Frank M. Santoro, State RCU Director

PROJECTS COMPLETED:

1. Experience Base Career Education, Alternate Learning Project, Providence

2. Volunteers in Rhode Island Schools, Rhode Island College

3. Fisheries Student Statistics, University of Rhode Island

NEW PROJECTS FUNDED

NONE

RESEARCH RELATED ACTIVITIES

Completed self evaluation reports for the Part "C" projects "VIRIS" and "Fisheries Student Statistics."

Completed the report for the Part "D" project "Experience Base Career Education".

PROJECTS AND ACTIVITIES PLANNED

New projects to be funded under new vocational act 94-482 :

1. Secondary Level Handicapped Program.

2. Parent Training in Career Awareness.

3. Articulation of High School Equivalency with Post-Secondary.

SOUTH CAROLINA

L. L. Lewis, State Director of Vocational Education
Gregory Morrison, State RCU Director

PROJECTS COMPLETED:

1. Career Cluster Implementation and Evaluation Project (Phase I), Columbia

2. Student Placement Project, Columbia

NEW PROJECTS FUNDED:

1. Learning Style Mapping, Spartanburg TEC, Spartanburg

2. Evaluation of Health Careers Awareness Program, Trident TEC, Charleston

3. Public Service Improvement, Williamsburg TEC, Kingstree

4. Learning Activity Packets for Minimum Mathematical Competence in Vocational Education, Dorchester AVC, Dorchester

5. Female Access to Careers in Engineering Technology, Trident TEC, Charleston

6. Career Cluster Implementation and Evaluation Project, Columbia

RESEARCH RELATED ACTIVITIES:

1. The VRCU will conduct a series of two-day workshops to train vocational education personnel in the development and writing of research and exemplary/innovative proposals, and the management of projects.

2. The VRCU will publish a newsletter of program improvement activities which will be distributed twice a year.

PROJECTS AND ACTIVITIES PLANNED:

Under the direction of the VRCU the South Carolina Office of Vocational Education will conduct a statewide comprehensive vocational education needs assessment. The assessment components will consist of: a national overview of vocational education; a state overview (indicators); and overview of the system; an overview of peoples perceptions (public, students, professional educators, business and industry); synthesis of data; and an assessment of the needs (system, program and student).

SOUTH DAKOTA

David Bonde, State Director of Vocational Education
David Bonde, State RCU Director

PROJECTS COMPLETED:

1. Career Competency Program, Huron

2. Agreement for Cooperative Investigation to conduct extensive studies relating to Vocational Education, Vermillion

3. Agreement to demonstrate capability of Post Secondary Vocational schools to cooperatively establish reference libraries with a city library, Mitchell

4. Research and Demonstration - Adult Vocational Agriculture program in Farm Business Analysis, Brookings

NEW PROJECTS FUNDED:

NONE

RESEARCH RELATED ACTIVITIES:

NONE

PROJECTS AND ACTIVITIES PLANNED:

NONE

TENNESSEE

John Leeman, State Director of Vocational Education
Dee Wilder, State RCU Director

PROJECTS COMPLETED:

1. Management Information System, 1976-77 School year.

2. A One-Year Teacher-Based Follow-Up of Vocational Education, 1975-76 graduates.

3. Curriculum Guide for Career Education, Grades K-6 Clarskville-Montgomery County Schools (Mini-Grant)

NEW PROJECTS FUNDED:

1. The Development of a Vocational Funding/Policy Model for Secondary Programs in Tennessee, Middle Tennessee State University.

2. The Development and Implementation of a One and Five-Year Student and Employer-Based Follow-Up Study of Secondary Vocational Education Programs in Tennessee, East Tennessee State University.

3. An Examination of the Articulation Process Between Secondary and Post-secondary Vocational Education Programs in Tennessee and Recommendations for Improvement, Memphis State University.

RESEARCH RELATED ACTIVITIES:

1. Three workshops to assist the local educational agencies in preparing research proposals were held. Conducted in East, Middle, and West Tennessee, these sessions included local directors for vocational education, state vocational education specialists, vocational teachers, and other interested individuals. RCU staff and other Department of Education staff served as resource persons.

2. The RCU assisted with enrollment projections for vocational programs, projected completions, occupational supply and demand data, and the projected allocation of funds by service area utilized in the State Plan for vocational education. In addition, the RCU conducted a needs assessment to identify priorities in the areas of curriculum development, exemplary and innovative programs and applied research.

3. RCU personnel have assisted the Division of Vocational Education in the development of a comprehensive plan for the evaluation

of all programs of vocational education in Tennessee. RCU staff assisted with the development of several instruments to be used in the evaluation process.

4. RCU staff compiled a Comprehensive plan for Program Improvement to be implemented in coordination with the Research and Development Committee. This group, composed of state staff and chaired by the RCU Director, has formulated procedures for the development of Requests for Proposals. In turn, this committee will review proposals, make recommendations for funding, and aid the RCU in the monitoring of projects.

5. Tennessee is a participating member of the Vocational-Technical Education Consortium of States. The RCU has assisted with the preparation of the State of the art report in cabinetmaking.

6. In an effort to disseminate information to Tennessee educators, the RCU continues to maintain the EVIC collection. Assistance is given to state and district staff in locating documents, and microfiche copies are provided.

7. Several editions of the RCU Circulator were published and sent to vocational educators throughout the state. One main objective of the newsletter is to keep local educators informed of any program inprovement-related activities and, in particular, the status of innovative programs.

8. The Management Information System for 1976-77 has been completed and federal reports have been compiled. The RCU will continue this project for 1977-78. Refinements in the system will be made to provide information needed to meet the requirements of the new legislation. Technical assistance was provided to administrators, teachers, teacher educators, state staff, counselors, graduate students, and business and industry from MIS data.

9. Formulation of initial plans and coordination of meetings for the Tennessee Occupational Information Coordinating Committee were completed.

PROJECTS AND ACTIVITIES PLANNED:

1. Continuation and refinement of Management Information System.

2. Refinement and continuation of teacher-based follow-up.

3. Development of the V-TECS state of the art report for residential electrician and others as identified.

4. Further identification of curriculum and research priorities for FY 1978-1982.

5. Assistance with a long range curriculum development plan for Vocational Education in Tennessee.

6. Circulation of RFP's relating to applied research and curriculum development priorities.

7. Continuation of newsletter (RCU Circulator) and enhanced coordination of vocational education dissemination activities with other innovative programs dissemination efforts in the Department of Education.

8. Assistance with efforts to reduce sex bias and sex stereotyping in Tennessee's vocational programs.

9. Review and analysis of previous mini-grant research activities and related dissemination efforts.

10. In-service activities related to preparing proposals, conducting activities, and submitting reports for program improvement projects.

TEXAS

Cadar Parr, State Director of Vocational Education
William H. Fitts, State RCU Director

PROJECTS COMPLETED:

1. A Study to Determine the Effectiveness of an Invitational Workshop as a Device for Upgrading the Purpose, Functions, and Responsibilities of Local Advisory Councils to Vocational-Techincal Education, East Texas State University, Commerce.

2. Study to Determine the Feasibility of Bilingual Vocational Training Through the Border Junior College Consortium Approach, Laredo Junior College, Laredo.

3. Development of Individualized Supportive Services for Physically and Sensorially Limited Adults at a Post-Secondary Area Vocational School, McLennan Community College, Waco.

4. Development of a Pre-Vocational Training Program for the Deaf/Blind, Richmond State School, Richmond.

5. Development and Examination of Instructional Materials on Counseling for Distributive Education Coordinators, Texas A&M University, College Station.

6. Career Interest Characterizing and Reporting System, Texas State Technical Institute, Waco.

7. A Project to Rewrite and Restructure the Competitive Events for the Distributive Education Clubs of America, Texas Association, University of Houston, Houston.

8. The Assessment and Dissemination of Competency Based Modules Produced by Coordinated Vocational-Academic Education Home Economics Teahcers for an Inservice Training Workshop, University of Houston, Houston.

9. Development of a Career Education Delivery System Model for Correctional Institutions, Windham School District, Huntsville.

10. Occupational Orientation Teacher Education, EPD Consortium D, Richardson.

11. An Exemplary Program for Eighth and Ninth Grade Students in Cluster of Marketing and Distribution Exploration. Houston ISD, Houston.

PROJECTS FUNDED:

1. A Study to Determine the Effectiveness of an Invitational

Regional Workshop as a Device for Upgrading the Purpose, Functions, and Responsibilities of Local Advisory Councils to Vocational-Technical Education, East Texas State University, Commerce.

2. Curriculum Development for Specialized Distributive Education Occupational Areas, Houston ISD, Houston.

3. Study to Determine the Feasibility of Bilingual Vocational Training Through the Border Junior College Consortium Approach, Laredo Junior College, Laredo.

4. An Assessment of the Advisory Council for Technical-Vocational Education in Texas, Texas A&M University, College Station.

5. An Assessment of the Basic Curriculum Guide for Teaching Vocational Agriculture in Texas, Texas A&M University, College Station.

6. Perceived Importance and Relative Time Spent on Tasks Performed by Secondary Cooperative Vocational Coordinators with Implications for Certification and Teacher Education, Texas A&M University, College Station.

7. The Development and Implementation of a Training Curriculum/Program in Solar Heating and Cooling at the Technician Level, Texas State Technical Institute, Waco.

8. Occupational Orientation Teacher Education, EPD Consortium D, Richardson.

9. An Exemplary Program for Eighth and Ninth Grade Students in Cluster of Marketing and Distribution Exploration, Houston ISD, Houston.

RESEARCH RELATED ACTIVITIES:

1. Eighteen research proposals were reviewed and evaluated during the twelve-month period. Nine projects were approved for funding. Eleven projects were completed.

2. Members of the staff participated in the coordination of exemplary projects initiated and continued under Part D, Public Law 90-576.

3. Members of the Staff participated in the development of the Texas State Plan for Vocational Education and the Annual Report for Vocational Education.

4. The staff continued to participate in a variety of research related activities including the development of an improved vocational student information collection system for post-secondary institutions.

PROJECTS AND ACTIVITIES PLANNED:

1. Effective October 1, 1977, the Texas RCU will be organized in response to Sections 131, 132, and 133 of PL 94-482 to provide for the coordination of research, exemplary, and innovative programs, and curriculum development programs.

2. The functions of the RCU will be further expanded to include all of the vocational program improvement and supportive services and described in Subpart 3, PL 94-482, including vocational guidance and counseling, vocational personnel development, and activities to overcome sex bias and stereotyping in vocational education.

3. The staff will participate in the development of a comprehensive plan for program improvement and supportive services, and will developed new guidelines for the preparation and submission of applications for funding of programs and projects under Section 130, PL 94-482.

4. Pending approval of specific funding allocations under Sections 131, 132, and 133 of PL 94-482, it is anticipated approximately 50 vocational program improvement projects will be approved and funded during the next 12 months.

UTAH

Walter E. Ulrich, State Director of Vocational Education
Walter E. Ulrich, State RCU Director

PROJECTS COMPLETED:

1. Follow-up technology completors at Weber State College, Weber State College
2. Assessment of Cooperative Education in Utah, Independent Contr. RCU
3. Annual report - Career Development (Dropout Prevention), RCU
4. Phase III-Industrial Arts Career Exploration, Utah State Univ.
5. Phase I - Home Economics Career Exploration, Granite School District
6. Phase I - Distributive Education Career Exploration, Bridgerland Area Voc. Ctr.
7. Phase I - Business Education Career Exploration, Utah State Univ.
8. Junior High School Career Exploration, State Dept. of Education

NEW PROJECTS FUNDED:

1. Career Development Dropout Prevention, RCU
2. Health Manpower Needs Assessment, RCU
3. DE Manpower Needs Assessment, RCU
4. Manpower and training needs in Agriculture, Utah State Univ.
5. Impact of Area Vocational Centers, RCU
6. Training Vocational Teachers, RCU
7. Success Factors in Vocational Education program, RCU
8. Phase II Distributive Education - Career Exploration,

9. Phase II Business Education - Career Exploration, Utah State Univ.

10. Phase IV Industrial Arts Career Exploration, Utah State Univ.

11. Curriculum Development needs Survey, RCU

RESEARCH RELATED ACTIVITIES:

1. The revising and updating of the post-secondary, Vocational program evaluation procedures and instruments. Will be field tested spring of 1978.

2. The evaluation of the Vocational program at the Bridgerland Area Vocational Center.

PROJECTS AND ACTIVITITES PLANNED:

1. Determine the status of articulation in selected vocational education programs.

2. Complete inservice education needs analysis and study most effective delivery systems.

3. Determine more effective and efficient ways to utilize community training experiences.

VERMONT

Arthur W. Ericson, State Director of Vocational Education
Barbara M. Gutheil, State RCU Director

PROJECTS COMPLETED:

1. Identification of Critical Areas in Vocational Education Needing Research, University of Vermont, Burlington
2. Identification of In-Service Professional and Technical Teacher Development Needs in Vermont, University of Vermont, Vermont
3. Survey of Areas Business Education Employers and Former Business Education Graduates, Brattleboro
4. Distributive Education Curriculum Development, Burlington
5. Adult Education and Post-Secondary Vocational Curriculum Development, Springfield
6. A Coordinated District-Wide K-12 CareerEducation Activitiy Program, Chittenden Central School District, Essex Junction
7. Proposal for the Establishment of Job Placement Services Rutland Central Supervisory Union, Rutland
8. Career Education, Orleans Central Supervisory Union, Orleans
9. Career Resource Centers, Johnson and Castleton State Colleges

NEW PROJECTS FUNDED:

1. Needs Assessment for Gifted/Talented Students in Vocational Education, Bradford
2. Vocational Education Funding Study
3. A Survey of the State of the Art in Business Education in Vermont High Schools, Castleton State College
4. Impact of Exemplary Programs, CEDAR Associates Keene, New Hampshire
5. Electrictity/Electronics, Bellows Free Academy, St. Albans
6. Adult Basic Education, Winooski School District

VERMONT

7. Competency Certificates, Bradford

8. Vocational Standards, State Department of Education

RESEARCH RELATED ACTIVITIES:

Distributive Education Curriculum Development - A Completed Curriculum Guide is Available

Visits and periodic contracts were made to all project directors. Due to a change in personnel, time was spent in assessing needs, planning and developing processess. Preliminary steps were made in developing minium standards for approval of vocational education programs and in developing student competency certificates.

PROJECTS AND ACTIVITITES PLANNED:

NONE

VIRGINIA

Melvin H. Garner, State Director of Vocational Education
L. M. Jewell Jr., State RCU Director

PROJECTS COMPLETED:

1. Proposal for an Individualized System Approach to Teaching Automotive Engine Repair, Appomattox High, Appomattox

2. Follow-up of 1975-76 High School Graduates of the Arlington Public Schools, Arlington Co. Schs., Henry

3. Recruiting, Selecting, and Matriculating Students in Vocational Programs, Henry Co. Schools, Henry

4. Current and Projected Community Employment Opportunities and Ranked Characteristic Skills Sought in Prospective Employees, Isle of Wight Schs, Isle of Wight

5. A Project to Provide Student Orientation and Public Information on the Vocational Education Program in Prince Edward County, Prince Edward School, Farmville

6. Assessment of the Effect of a Vocational Awareness Media Program on Russell Co. 6th, 7th and 8th Grade Students, Russell Co. Schools, Gate City

7. Vocational Information Service - Operation VIS, Scott Co. Schools, Gate City

8. Development of Standard Models for Performing Training (Job) Site Analysis & Conducting Directly Related Instruction in ICT Programs, York Co. High School, Bristol

9. Development of Vocational Modules and an Evaluative Instrument at Readability Levels Which are Comprehensible by all Student in the High School Vocational Program, Bristol City Schools, Bristol

10. A Follow-Up of Former Vocational Students from the Roanoke City Schools, Roanoke City Schools, Roanoke

11. Development of Performance Objectives & Criterion-Referenced Measures, VPI & SU Blacksburg

12. Introductions to Vocational Education (CACO) , VPI&SU Blacksburg

VIRGINIA

13. Establishment & Operation of a Student Job Placement Service, Hampton City Schools, Hampton

14. Establishment & Operation of a Student Job Placement Service, Hampton City Schools, Hampton

15. Establishment & Operation of a Student Job Placement Service, Harrisonburg/Rockingham Schools, Harrisonburg

16. Delmarva Career Education, Delaware, Maryland, Virginia Schools, Northhampton

17. Printing of V-TECS Catalogues, VPI & SU Blacksburg

18. The Implementation & Evaluation of a Locally Developed & Funded Career Orientation Program for the Middle Schools of Danville, Danville City Schs., Danville

19. Alternatives to Contemporary Exploratory Programs, VPI & SU, Blacksburg

NEW PROJECTS FUNDED:

1. Implementing Competency-Based Instructional Programs in Vocational Education, Arlington Co. Schools, Arlington

2. Implementing Competency-Based Instructional Programs in Vocational Education, Bath Co. Schools Warm Springs

3. Implementing Competency-Based Instructional Programs in Vocational Education, Botetourt Vocational School Fincastle

4. Implementing Competency-Based Instructional Programs in Vocational Education, Chesapeake Schs., Chesapeake

5. Implementing Competency-Based Instructional Programs in Vocational Education, Dowell J. Howard Vocational Ctr., Winchester

6. Implementing Competency-Based Instructional Programs in Vocational Education, Fairfax Co. Schools, Falls Church

7. Implementing Competency-Based Instructional Programs in Vocational Education, Fauquier Tech, Ctr. Warrenton

VIRGINIA

8. Competency-Based Vocational Curriculum Development V-TECS, Gloucester Co. Schs., Gloucester

9. Implementing Competency-Based Instructional Programs in Vocational Education, Grayson Co. Schools, Independence

10. Implementing Competency-Based Instructional Programs in Vocational Education, Greensville Co. Schs., Emporia

11. Implementing Instructional Programs in Vocational Education Based on Performance Objectives and Criterion-Referenced Measures, Hampton City Schools, Hampton

12. Implementing Competency-Based instructional Programs in Trade & Industrial Arts Education in the Hampton & Newport News School Systems, Hampton City Schools, Hampton

13. Implementing Competency-Based Instructional Programs in Vocational Education, Hanover Co. Schools, Ashland

14. Implementing Competency-Based Instructional Programs in Vocational Education, Martinsville City Schools, Martinville

15. Implementing Competency-Based Instructional Programs in Business Education, Newport News Schools, Newport News

16. Implementing Competency-Based Instructional Programs in Home Economics Education for Newport News and Hampton Teachers (Using Performance Objectives and Criterion-Referenced Measures), Newport News Schools Newport News

17. To Assit LEAs in Implementing Competency-Based Instructional Programs in Vocational Education, Old Dominion University Norfolk

18. Implementing Competency-Based Instructional Programs in Vocational Education (Using Performance Ojectives and Criterion-Referenced Measures), Pittsylvania Co. Schools Chatham

19. Implementing Competency-Based Instructional Programs in Vocational Education (Using Performance Ojectives and Criterion-Referenced Measures), Prince Edward Schools Farmington

20. Implementing Competency-Based Instructional Programs in Vocational Education (Using Performance Ojectives and Criterion-Referenced Measures), Prince William Co. Schools Manassas

VIRGINIA

21. Implementing Competency-Based Instructional Programs in Vocational Education (Using Performance Ojectives and Criterion-Referenced Measures), P.D. Pruden Voc-Tech. Center Suffolk

22. Implementing Competency-Based Instructional Programs in Vocational Education (Using Performance objectives and Criterion-Referenced Measures),Richmond City Schs., Richmond

23. Implementing Competency-Based Instructional Programs in Vocational Education (Using Performance Objectives and Criterion-Referenced Measures), Southampton Co. Schools, Courtland

24. Implementing Competency-Based Instructional Programs in Vocational Education (Using Performance Objectives and Criterion-Referenced Measures), Stafford Senior High School, Falmouth

25. Implementing Competency-Based Instructional Programs in Vocational Education (Using Performance Objectives and Criterion-Referenced Measures, Surry Co. Schools Dendron

26. Implementing Instructional Programs in Vocational Education Based on Performance Objectives and Criterion-Referenced Measures, Valley Voc-Tech. Ctr., Fishersville

27. A Plan to Produce and Distribute an Instructional Package for Teaching the Concepts of Competency-Based Instruction in Business Education Preservice Teacher Education Programs, Virginia Commonwealth University, Richmond

28. A Plan to Produce and Distribute an Instructional Package for Teaching the Concepts of Competency-Based Instruction in Distributive Education's Inservice and Preservice Teacher Education Programs, Virginia Commonwealth University, Richmond

29. A Plan to Produce and Distribute an Instructional Package for Teaching the Concepts of Competency-Based Instruction in Home Economics Preservice Teacher Education Programs, Virginia Polytechnic Institute and State University, Blacksburg

30. Implementing Competency-Based Instructional Programs in Vocational Education, Westmoreland Co. Schs, Montross

31. Implementing Competency-Based Instructional Programs in Vocational Education, York Co. Schools, Grafton

VIRGINIA

32. Improved Articulation of the High School and Community College Programs in Business Education, Arlington Co. Schools, Arlington

33. An Assessment of the Local Employment Opportunities for Students Completing Vocational Programs in Bath Co., Virginia, Bath Co. Schools, Warm Springs

34. A Follow-Up of Former Vocational Student Completions and Early Leavers, Botetourt Co. Voc. School, Fincastle

35. A Comparison of the Occupational and Educational Placement Status of Graduates from the Vocational Cruuicula with the Occupational and Educational Placement Status of Non-Vocational Curricula Graduates, Hampton City Schools, Hampton

36. A Follow-Up Study of 1977 Graduates from the Newport News Public Schools, Newport News Schools, Newport News

37. Follow-Up of Former Vocational Education Students and Those Who Have Employed Them, Norfork City Schools, Norfolk

38. Assessing Employment Opportunities for Students Completing Vocational Education Programs in the Prince Edward County School Division, Prince Edward Schs., Farmville

39. Evaluation of the Relevancy of the Program of the Richmond Technical Center, Richmond Tech. Ctr., Richmond

40. Assessing Employment Opportunities for Students Completing Vocational Education Programs, Russell Co. Schools, Lebanon

41. Assessing Employment Opportunities for Vocational Education Graduates in York County, York County Schools, Grafton

42. Vocational and Technical Education Consortium of States in Virginia, Virginia Polytechnic Institute and State University, Blacksburg

43. V-TECS and VEMS Materials, Virginia Polytechnic Institute and State University, Blacksburg

RESEARCH RELATED ACTIVITIES:

1. Continued the research poject in career education at Petersburg and Radford with state funding.

2. Conducted a follow-up of secondary and adult student completions for 1975-76.

3. Published an analysis of the follow-up study of 1975-76 secondary student completions.

4. Continued participation in V-TECS (Vocational-Techincal Education Consortium of States)

5. Collected enrollment and completion data on secondary and adult students.

6. Conducted seven inservice training meeting for local school personnel on VERS reporting.

7. Served on Board of Directors of V-TECS.

8. Started research project to determine the reasons for unemployment of vocational education completions.

9. Started a research project to determine the effect of the early release of high school seniors on vocational education enrollment.

PROJECTS AND ACTIVITIES PLANNED:

1. Develop plan for 1978-79 activities.

2. Conduct pilot program on the evaluation of a local program of vocational education

3. Continue the development of plans for inservice and preservice training on competency-based instruction

4. Supervise research, exemplary and curriculum development projects and activities

5. Develop guidelines and RFP's for project proposals

6. Prepare enrollment, completion, and follow-up data

7. Coordinate activites of career education and student job placement pilot projects

WASHINGTON

Homer J. Halverson, State Director of Vocational Education
Gene W. Bigger, State RCU Director

PROJECTS COMPLETED:

1. Relevancy of Forest Technology Programs to Forest Jobs, Everett
2. Columbia Basin Jobs Project, Moses Lake
3. Cooperative Guide, Pullman
4. Exploring Vocational Education in a Vocational-Technical Institute, Lakewood Center
5. Health Technician Aide Program, Oak Harbor
6. Custodial In-Service Training, Lynwood
7. Development of a Plan for Providing of Career Information for Handicapped Students, Tacoma
8. Industrial Arts Vocationally Approved Research Model, Olympia
9. Analysis of Data on Vocational Education in the State of Washington with Recommendations for Modifications in Procedures and/or Definitions, Seattle
10. Relationship of Extended Contract to Vocational Agriculture and FFA Summer Program, Pullman
11. Career Exploration and Career Awareness Model - An Upper to Lower Grade Approach, Spangle
12. Pre-Electronics Study, Port Angeles
13. Articulation III, Bellevue
14. Cooperation for Careers, Centralia
15. Evaluation of Computerized Guidance System, Seattle
16. Development of a Curriculum Articulation Model between Vocational-Technical Institutes, Community Colleges and School Districts, Gig Harbor and Bellevue
17. Grant Writing, Workshop, Kelso

18. Mobile Automatic Transmission Training Project (MATT), Vancouver

19. Operation Restore, Yakima

20. Survey of Three Selected Occupational Areas, Everett

21. Non-Computerized Delivery Systems for the CCIS, Seattle

22. Dental Auxiliary: Instructional Development Project, Lynwood

23. A Study of Vocational Agriculture Influence on 1964 Vocational Graduates of Selected Washington High Schools in Occupational and Educational Selection, Pullman

24. Systemization of Vocational Preparatory Programs in Washington Community Colleges, Olympia

25. Assessing Student Attitudes Towards Travel, Mossyrock

26. Identification of Competencies and Employment Opportunities in the Nursery and Greenhouse Industry, Pullman

27. Seaward Bound, LaConner

28. Nurses Talk to Nurses, Mt. Vernon

29. Productive Job Search, Spokane

30. Project Interaction: A Community Resource Program for Students in Sequim School District, Sequim

31. Communication Flow & Transfer of Vocational-Technical Information, Bellevue

32. Employer Perspectives of WA State Cooperative Distributive Education Programs, Cheney

33. Meaningful Industrial Training & Employment (MITE), Marysville

34. Individual Progress Curriculum to Decrease the Dropout Percentage in Beginning and Intermediate Shorthand at community College, Seattle

35. Development of Course Outlines, Lacey

36. Attitudes of Secondary School Principals and Superintendents in the State of Washington toward Vocational Education, Renton

WASHINGTON

37. Vocational Placement of Undeclared Students, Olympia

38. Leadership Identification for Vocational Youth Organizations, Yakima

39. Impact Evaluation of Two Interactive Computer Occupational Guidance Information Systems, Olympia

40. Self-Instructional Modules in Dental Assistance, Edmonds

41. Presenting Local Employment Opportunities and Related Training Programs through Filmstrips, Seattle

42. Introductory Self-Instructional Unit in Medical Terminology, Kirkland

43. Competency Level Identifications for Vocational Programs, Gig Harbor

44. Improving Vocational Opportunities by Relating the Community to the Classroom through use of Video Tape, Zillah

NEW PROJECTS FUNDED:

1. Computer-Assisted Reinforcement Training (CART), Lakewood Center

2. Development of a Prototype On-Line Computer Based System for Vocational Education Enrollments and Completions Count and Follow-up Statistics, Lynnwood

3. Child Care Training Correspondence/Extension Consortium, Everrett

4. A Project to Prepare and Disseminate Information on the Development of an Instrument for Prescribing Compensatory Education for Vocational Technical Trainees, Renton

5. Expanding Vocational Education Through Correspondence, Spangle

6. Alternative Instruction Modes to Handicapped/Disadvantaged, Seattle

7. Health Technician Aide, Oak Harbor

8. Self-Paced Instructional Material for Industrial Electricity, Spokane

WASHINGTON

9. Education and Work Mini Conference, Tacoma

RESEARCH RELATED ACTIVITIES:

1. Participation in meetings of groups and agencies as host, member, or consultant.

PROJECTS AND ACTIVITIES PLANNED:

1. Host National RCU Conference

2. Develop a series of workshops to promote training and research, dissemination of research results, a futuristic look at vocational education and familiarization with the EBCE system

3. Increase consultant activities with vocational educators in State of Washington

WEST VIRGINIA

Clarence E. Burdette, State Director of Vocational Education
Roy W. Thomas, State RCU Director

PROJECTS COMPLETED:

1. Vocational Reading Program, Wetzel County Schools, New Martinsville

2. Determining the Effect of Public Information Activities on Vocational Enrollment in West Virginia, West Virginia University, Morgantown

3. Student Interest and Employment Opportunities in Off-Farm Agricultural Occupations in Cabell County, West Virginia University, Morgantown

4. Vocational Needs Assessment, Braxton County Schools, Sutton

NEW PROJECTS FUNDED:

1. Student Interest and Employment Opportunities in Off-Farm Agricultural Occupations in Cabell County, West Virginia University, Morgantown

RESEARCH RELATED ACTIVITIES:

1. Administered Ohio Trades Achievement Tests to 9,000 9th and 10th grade Industrial-Technical Students in West Virginia.

2. Began Implementing Statewide Equipment Inventory Through the Management Information System.

3. Continued the Development, Use, and Validation of Cognitive Instruments for Evaluating Prevocational Programs.

PROJECTS AND ACTIVITIES PLANNED:

1. Condust a vocational needs assessment in Hancock County

2. Contract for the condust of two projects in relation to mainstreaming handicapped and disadvantaged students and elimination of sex-role stereotyping.

3. Conduct a project in determining appropriate student selection procedures.

4. Implement a followup study.

WISCONSIN

Eugene Lehrmann, State Director of Vocational Education
Roland J. Krogstad, State RCU Director

PROJECTS COMPLETED:

1. Manpower Survey, WWTI, La Crosse
2. Performance Levels for Job Entry SWTI, Fennimore
3. Energy Conservation Program, GTI, Kenosha
4. Labor Market Requirements, GTI, Kenosha
5. Evaluation of Student Financial Aids, MATC, Milwaukee
6. Cost-Benefit Model, MPTI, Fond du Lac
7. Medical Assistant Task Analysis, LTI, Cleveland
8. Assessing Student Entry-Level Competencies, LTI, Cleveland
9. Agricultural Education Needs, MSTI, Wisconsin Rapids
10. Barriers to VTAE Programs, MTSI, Wisconsin Rapids
11. Open Entry/Open Exit, NCTI, Wausau
12. Student Attrition, NCTI, Wausau
13. Graduate Student Research Grants, VI - UW-Stout, Menomonie
14. Field Services Evaluation Model, II - UW-Stout, Menomonie
15. Mini Grants for Graduate Students, UW-Madison
16. Emerging Occupations, UW-Stout, Menomonie
17. Manpower Training Survey, FVTI, Appleton
18. Professional Development Competencies, UW-Stout, Menomonie
19. Follow Up of Contract Students, MATC, Milwaukee
20. Competency Based Professional Development, UW-Stout, Menomonie
21. Curriculum in Barbering, District One, VTAE, Eau Claire

WISCONSIN

22. Survey of Adult Agri Business Needs, WITI, Shell Lake
23. Determination of Research Priorities, WBVTAE, Madison
24. Career Awareness Through Peer Interaction, WWTI, La Crosse
25. Faculty Advisement Model, GTI, Kenosha
26. Pre-Apprenticeship Feasibility for Plumbers, NCTI, Wausau
27. Services to Native Americans, Nicolet, Rhinelander
28. Implementation of WOIS, WBVTAE, Madison
29. WOIS Project, UW, Madison
30. Dissemination of Pre-Vocational English, WBVTAE, Madison
31. WOIS Terminal, WITI, Shell Lake
32. WOIS Computer Terminal Services, NWTI, Green Bay
33. DECA Course Development, LTI, Cleveland
34. UW-Stout Bilingual Assessment, UW-Stout, Menomonie
35. Health Occupations Curriculum, Public Schools, Shawano
36. Word Processing Project, CESA 8, Appleton
37. Multi-Lateral Project, CESA 8, Appleton
38. Demonstration of Job Placement, Public Schools, Oshkosh
39. Facility Development, High School, Sauk Prairie
40. Secondary Vocational Education Curriculim Resource Unit, UW, Madison
41. State Staff Planning & Goal Setting, Phase II - UW-Stout, Menomonie
42. Vocational Educator Magazine, UW, Madison
43. Leadership Conference, UW, Madison
44. Evaluation System for Capstone Programs, UW-Stout, Menomonie

WISCONSIN

45. Learning Activities Packets for Industrial Education, UW-Stout, Menomonie

NEW PROJECTS FUNDED:

1. Cost-Benefit Study, MPTI, Fond du Lac
2. Career Awareness Through Peer Interaction, WWTI, La Crosse
3. Development and Implementation of Competency Based Education, GTI, Kenosha
4. Energy Institute, NCTI, Wausau
5. Energy Coordinator, MPTI, Fond du Lac
6. Wisconsin Occupational Information System, UW, Madison
7. Curriculum Weights and Measures, WBVTAE, Madison
8. V-TECS, WBVTAE, Madison
9. Wisconsin Vocational Studies Center, UW, Madison
10. Center for VTAE, UW-Stout, Menomonie

RESEARCH RELATED ACTIVITIES:

1. Continuation of Computer Search of ERIC RIE, AIM/ARM, CIJE files is provided for state staff and local VTAE districts.
2. Continuation of standing purchase order of ERIC microfiche set.
3. Continuation of providing duplicate microfiche on request from VTAE districts.
4. Continuation of management of EPDA program.
5. Conduct of conferences relevant to current issues, e.g., energy, equity of opportunities, etc.

PROJECTS AND ACTIVITIES PLANNED:

1. Development of Competency-Based Education Catalogs based on

surveys of incumbent workers in two occupational domains in cooperation with the Vocational-Technical Consortium of States (V-TECS).

2. Continue to conduct conferences and develop and monitor research, exemplary, curriculum and personnel development projects.

WYOMING

Richard W. Rowles, State Director of Vocational Education
Richard W. Rowles, State RCU Director

NO REPORT RECEIVED

AMERICAN SAMOA

Russell P. Journigan, State Director of Vocational Education
Pat Benioni, State RCU Director

NO REPORT RECEIVED

GUAM

Peter Nelson, State Director of Vocational Education
Peter Nelson, StateRCU Director

NO REPORT RECEIVED

PUERTO RICO

Luis Rafael Ortiz, State Director of Vocational Education
Ilbana R. Agostin, State RCU Director

PROJECTS COMPLETED:

1. In-Service Training for Vocational Supervisory and Administrative Personnel on the Utilization of the Individualized Instruction Technique

2. Seminar on Competency-Based Vocational Education for 50 Vocational Supervisory Personnel

3. Six Course Offerings on Vocational Education for Teaching and Supervisory Personnel Resident of the Mayaguez, Arecibo, and Ponce Educational Regions to Meet their Certification Requirements, RCU/RUM

4. Development of an Exemplary Career Education Comprehensive Program in the Regular and the Vocational and Technical Education Program in Puerto Rico

5. Study of the Characteristics on Employment Needs in the Drug and Pharmaceutical Industry in the Arecibo-Manati Area of Puerto Rico, Phase I

6. Study to Determine the Training Cost of Students Per Occupations of Most Demand

7. Development of Occupational Enrollment Projection in Terms of Occupational Demand

NEW PROJECTS FUNDED:

1. Study of the Characteristics on Employment Needs in the Drug and Pharmaceutical Industry in the Arecibo-Manati Area of Puerto Rico, RCU

2. Study to Determine the Training Cost per Student Basis on Occupations of Most Demand, RCU

3. Enrichment of the Vocational Education Curricula Through the Use of Television Media, Mayaguez Area Vocational School in coordination with WIPM-TV.

4. In-Service Training for Vocational Supervisory and Administrative Personnel on the Utilization of the Individualized Instruction Technique.

RESEARCH RELATED ACTIVITIES:

1. Design of the evaluation instruments to be used by the Vocational Programs of Health, Home Economics and Distribution and Marketing to Evaluate their Teaching and Administrative Activities
2. Evaluation Study of the "Area School" Concept as was Implemented at the Vocational Schools of Guayama, Carolina, and Mayaguez
3. Preparation of the State Plan for Vocational, Technical, and High Skills Education
4. Annual Report in Spanish submitted to the Governor of Puerto Rico
5. Annual Report submitted to the Federal Office of Education
6. Statistical Reports to U.S.O.E.
7. Preparation of the Four-Year Plan for Vocational, Technical and High Skills Education
8. Preparation, of the EPDA Action Plan
9. Preparation of Abstracts of EPDA Projects to be sent to the U. S. Office of Education
10. Development of an RCU Reorganization Document
11. RCU Budget Justification based on 0 Based Budget
12. Coordination of Vocational Competencies Celebrated in Puerto Rico as Part of the Third Iberoamerican Conference for Education Ministers
13. Analysis of the data gathered in a special needs study

PROJECTS AND ACTIVITIES PLANNED:

1. Continuation of Occupational Education Offerings for Disadvan-

taged Students at the Occupational Opportunity Center at Buchanan

2. Proposal for the Establishment of a Farming Residential School Program in the Soller Farm at Camuy

3. Proposal for the Development of an Occupational Institute at Caguas

4. Training Program for Seasonal and Farm Workers Corresponding to 1976-77

5. Proposal for the Establishment of a Comprehensive and Coordinated Program on Applied Mathematics and Science at the Ponce Technological Institute

6. Establishment of a Curriculum Management System at the Vocational, Technical, and High Skills Education Program

7. Proposal for the Implementation of an Experienced Based Career Education Program in Puerto Rico

8. Proposal for the Development of a Joint Metric Education Program Between the State Department of Education and the Department of Consumer Affairs

9. Proposal for the Development of a Demonstration Project in Environmental Education at the Muncipality of Catano

10. Study to Determine the Degree of Sex-Based Discrimination and Stereotyping in Vocational Education Training and Employment

11. On-the-Job Training Program for Water Supply System Operators

12. In-Plant Training Program to Develop the Optimum Degree of Specialization in Vocational and Technical Students Submitted to the CETA Prime Sponsor of Carolina

13. In-Plant Training Program to Develop the Optimum Degree of Specialization in Vocational and Technical Students Submitted to the CETA Prime Sponsor of Ponce

14. In-Plant Training Program to Develop the Optimum Degree of Specialization in Vocational and Technical Students Submitted to the CETA Prime Sponsor to Bayamon

15. In-Plant Training Program to Develop the Optimum Degree of Specialization in Vocational and Technical Students Submitted to the Balance of State

16. In-Plant Training Program to Develop the Optimum Degree of Specialization in Vocational and Technical Students Submitted to CETA Prime Sponsor of Aguadilla

17. Proposal for the Establishment of a Comprehensive Curriculum Unit

18. Development of an Operational Plan for the On-Site Training Program with Industry Utilizying a Mobile Unit

19. Occupational Training for Disadvantaged Youths and Adults in Health Related Occupations

TRUST TERRITORY OF THE PACIFIC ISLANDS

Loren Peterson, Acting State Director of Vocational Education
Loren Peterson, State RCU Director

NO REPORT RECEIVED

VIRGIN ISLANDS

Wilburn Smith, Jr., State Director of Vocational Education
Albert Ragster, State RCU Director

NO REPORT RECEIVED

GPO 930-914